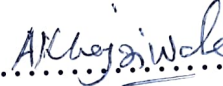







NOTICE

Dt. 11 / 07 / 2022

All the Internal Evaluation Mechanism committee members are hereby informed that they have to attend the meeting at 11 a.m. on 14th July 2022, at Department of Physics.

Agenda: 1) Discussion on Internal Evaluation Mechanism framework
2) Circulation of Internal Evaluation framework to the respective departments for preparing their own internal evaluation mechanism.

Members	Signature
1. Dr. A. V. Khajgiwale 
2. Dr. P. D. Wankhade 
3. Prof. A. P. Pawar 
4. Dr. D. N. Urade 
5. Prof. R. D. Wakodikar 
6. Shri R. K. Dange 



Prof. D. M. Parshuramkar

Chairman



Principal
PRINCIPAL

New Jalgaon College, Bramhapuri
Bramhapuri, Dist. Chandrapur-441200

Minutes of the Meeting

- i) A meeting of the **Internal Evaluation Mechanism** Committee was held at 11 a.m. on 14th July 2022 under the chairmanship of Prof. D. M. Parshuramkar, in Department of Physics. Dr. A. V. Khajgiwale, Dr. P. D. Wankhade, Prof. A. P. Pawar, Dr. D. N. Urade, Prof. R. D. Wakodikar, Shri R. K. Dange were present at the meeting.
- ii) It was decided that internal evaluation mechanism for students be framed with the help of heads of all the departments and incorporated during the current session for odd semester.
- iii) All the heads of various departments are advice to frame their internal assessment mechanism and inform the students in classes as well as display on respective notice boards for transparency.
- iv) All the heads of various departments are instructed through notice to prepare their own academic calendar including unit test, group discussion, quiz test, surprise test, open book exam, interaction, practical in science lab and language lab.
- v) It was decided that all the departments should organized entry level test for first year students to identify slow and fast learners and make special programs like bridge course to improve the basic understanding level of the students.

The meeting was ended with a vote of thanks.



Prof. D. M. Parshuramkar

Chairman



Principal
PRINCIPAL

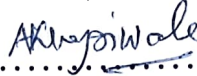

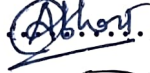



Neerajbai Hinkarni College
N. H. College Bramhapuri
Bramhapuri, Dist. Chandrapur-441206

NOTICE

Dt. 09/01/2023

All the Internal Evaluation Mechanism committee members are hereby informed that they have to attend the meeting at 11 a.m. on 11th Jan. 2023, at Department of Physics.

- Agenda:** 1) Discussion on Internal Evaluation Mechanism framework
2) Circulation of Internal Evaluation framework to the respective departments for preparing their own internal evaluation mechanism.

Members	Signature
1. Dr. A. V. Khajgiwale 
2. Dr. P. D. Wankhade 
3. Prof. A. P. Pawar 
4. Dr. D. N. Urade 
5. Prof. R. D. Wakodikar 
6. Shri R. K. Dange 



Prof. D. M. Parshuramkar

Chairman



Principal
PRINCIPAL

N. H. C. H. S. College
Bramhapuri, Dist. Chandrapur-441206

Minutes of the Meeting

- i) A meeting of the **Internal Evaluation Mechanism** Committee was held at 11 a.m. on 11th Jan. 2023 under the chairmanship of Prof. D. M. Parshuramkar, in Department of Physics. Dr. A. V. Khajgiwale, Dr. P. D. Wankhade, Prof. A. P. Pawar, Dr. D. N. Urade, Prof. R. D. Wakodikar, Shri R. K. Dange were present at the meeting.
- ii) It was decided that internal evaluation mechanism for students be framed with the help of heads of all the departments and incorporated during the current session for even semester.
- iii) All the heads of various departments are advice to frame their internal assessment mechanism and inform the students in classes as well as display on respective notice boards for transparency.
- iv) All the heads of various departments are instructed through notice to prepare their subject results of unit tests and odd semester examinations and keep the copy of result analysis in their respective departments.
- v) It was decided that all the departments should organized special programs like remedial courses for the improvements of respective subject results.

The meeting was ended with a vote of thanks.



Prof. D. M. Parshuramkar

Chairman



Principal
PRINCIPAL

Nevjapal Hitkarini College
N. H. College Bramhapuri
Bramhapuri, Dist. Chandrapur-441206

N. H. College, Bramhapuri

Department of Physics

INTERNAL EVALUATION MECHANISM

B. Sc. (Physics)

The following **Internal Evaluation Mechanism** is adopted by the **Physics Department of N. H. College, Bramhapuri** for the **B. Sc. (Physics) (CBCS Pattern) course** as per the directions given by Physics Board, Gondwana University, Gadchiroli.

Teaching and Semester Examination Scheme for B. Sc. (Physics)

Class	Semester	Paper	Teaching Scheme Per Week (Workload)			Examination Scheme			
			Theory	Total	Practical	Theory Marks		Practical Marks	Total Marks
						Paper	Internal Assessment		
B. Sc. I	I	USPHT01	3	6+1T	6	50	10	30	150
		USPHT02	3			50	10		
	II	USPHT03	3	6+1T	6	50	10	30	150
		USPHT04	3			50	10		
B. Sc. II	III	USPHT05	3	6+2T	6	50	10	30	150
		USPHT06	3			50	10		
	IV	USPHT07	3	6+2T	6	50	10	30	150
		USPHT08	3			50	10		
B. Sc. III	V	USPHT09	3	6+2T	6	50	10	30	150
		USPHT10	3			50	10		
	VI	USPHT11	3	6+2T	6	50	10	30	150
		USPHT12	3			50	10		

B. Sc. (Physics) Semester CBCS Pattern Examination Scheme:

1. There shall be total six semesters.
2. Each semester shall comprise of 90 teaching days.
3. Each semester I to VI shall be of 150 marks.
4. The distribution of marks will be as follows
 - i. Paper I Theory 50 marks
Internal Assessment 10 marks
 - ii. Paper II Theory 50 marks
Internal Assessment 10 marks
 - iii. Practical 30 marks**Total Marks (i + ii+ iii) 150 marks**
5. The marks of the **internal assessment of the student shall be compounded with the theory Paper. The passing marks will be 40% marks.**

6. A student will have to perform at least ten (10) experiments per semester. At the time of Practical examination every student has to perform two experiments, each of three hours duration.

7. The distribution of marks for practical examination is as follows:

Record Book	.....	6
Viva-voce	.....	6
Experiment	.....	18
Total Marks	.....	30

8. **Internal Evaluation Mechanism Scheme** for the B. Sc. student during the semester for **internal assessment** is adopted by **Physics department** which is tabulated as per table given below for all the semester of **B. Sc. (Physics) Course** & record is kept with us for three years from the declaration of university examination :-

i) **Theory Internal :**

Sr. No.	Work Assigned	Marks	Marks Obtained
1.	Assignment	02	
2.	Class Test	05	
3.	Active Participation/Seminar/Routine Activity etc.	03	

Signature of teacher in-charge

Head of the Department

N. H. College, Bramhapuri

Department of Physics

INTERNAL EVALUATION MECHANISM

M. Sc. (Physics)

The following **Internal Evaluation Mechanism** is adopted by the **Physics Department of N. H. College, Bramhapuri** for the **M. Sc. (Physics) (CBCS Pattern) Course** as per directions given by Physics Board, Gondwana University, Gadchiroli.

Teaching and Semester Examination Scheme for M. Sc. (Physics)

Class	Semester	Paper	Teaching Scheme Per Week (Workload)			Credit	Examination Scheme					
			Theory	Practical	Total		Duration in Hrs.	Max. Marks		Total	Minimum Marks	
								External	Internal		Theory	Practical
M. Sc. I	I	Core 1 (PSCPHYT01)	4	--	4	4	3	80	20	100	40	
		Core 2 (PSCPHYT02)	4	--	4	4	3	80	20	100	40	
		Core 3 (PSCPHYT03)	4	--	4	4	3	80	20	100	40	
		Core 4 (PSCPHYT04)	4	--	4	4	3	80	20	100	40	
		Pract. Core 1 & 2 (PSCPHYP01 & P02)	--	8	8	4	3-8*	80	20	100	40	40
		Pract. Core 3 & 4 (PSCPHYP03 & P04)	--	8	8	4	3-8*	80	20	100	40	40
	Seminar 1	2	--	2	1			25	25	10		
	II	Core 5 (PSCPHYT05)	4	--	4	4	3	80	20	100	40	
		Core 6 (PSCPHYT06)	4	--	4	4	3	80	20	100	40	
		Core 7 (PSCPHYT07)	4	--	4	4	3	80	20	100	40	
		Core 8 (PSCPHYT08)	4	--	4	4	3	80	20	100	40	
		Pract. Core 5 & 6 (PSCPHYP05 & P06)	--	8	8	4	3-8*	80	20	100	40	40
Pract. Core 7 & 8 (PSCPHYP07 & P08)		--	8	8	4	3-8*	80	20	100	40	40	
Seminar 2	2	--	2	1			25	25	10			
M. Sc. II	III	Core 9 (PSCPHYT09)	4	--	4	4	3	80	20	100	40	
		Core 10 (PSCPHYT10)	4	--	4	4	3	80	20	100	40	
		Core Elective (PSCPHYT11)	4	--	4	4	3	80	20	100	40	
		Foundation Course I (PSCPHYT12)	4	--	4	4	3	80	20	100	40	
		Practical 5	--	8	8	4	3-8*	80	20	100	40	40
		Practical Elective 1 Practical 6	--	8	8	4	3-8*	80	20	100	40	40
	Seminar 3	2	--	2	1			25	25	10		
	IV	Core 11 (PSCPHYT11)	4	--	4	4	3	80	20	100	40	
		Core 12 (PSCPHYT12)	4	--	4	4	3	80	20	100	40	
		Core Elective II (PSCPHYT15)	4	--	4	4	3	80	20	100	40	
		Foundation Course II	4	--	4	4	3	80	20	100	40	
		Practical 7	--	8	8	4	3-8*	80	20	100	40	40
Project		--	8	8	4	3-8*	80	20	100	40	40	
Seminar 2	2	--	2	1			25	25	10			

M. Sc. (Physics) Semester CBCS Pattern Examination Scheme:

1. There shall be total four semesters.
2. Each semester shall comprise of 90 teaching days.
3. Each semester I to IV shall be of 625 marks.
4. The distribution of marks will be as follows:

i. Paper I, II, III, IV Theory	.....	80 marks
Internal Assessment	.....	20 marks
ii. Practical - I	.....	80 marks
Internal Assessment	.....	20 marks
iii. Practical - II	.....	80 marks
Internal Assessment	.....	20 marks
iv. Seminar	.....	25 marks
Total (i+ ii +iii + iv)	.....	625 marks

5. The marks of **internal assessment of the student shall be compounded with the theory Paper. The passing marks will be 40% marks.**

6. A student will have to perform at least Seven (07) experiments per semester. At the time of Practical examination every student has to perform one experiment of six hours duration.

7. The distribution of marks for the practical examination is as follows.

Record Book	.....	15
Viva-voce	.....	15
Experiment	.....	50
Total Marks	.....	80

8. **Internal Evaluation Mechanism Scheme** during the semester for **internal assessment** is tabulated as per table given below for all the semester of **M. Sc. (Physics) Course & record is kept for three years from the declaration of university examination result:**

i) Theory Internal:

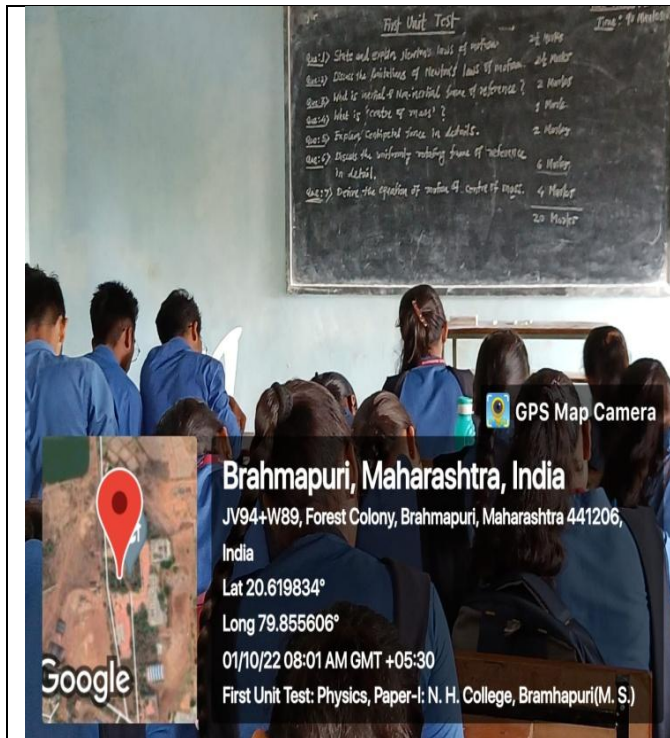
Sr. No.	Work Assigned	Marks	Marks Obtained
1	Assignment	10	
2	Class Test	04	
3	Active Participation/Seminar/Routine Activity, etc.	06	

Signature of teacher in-charge

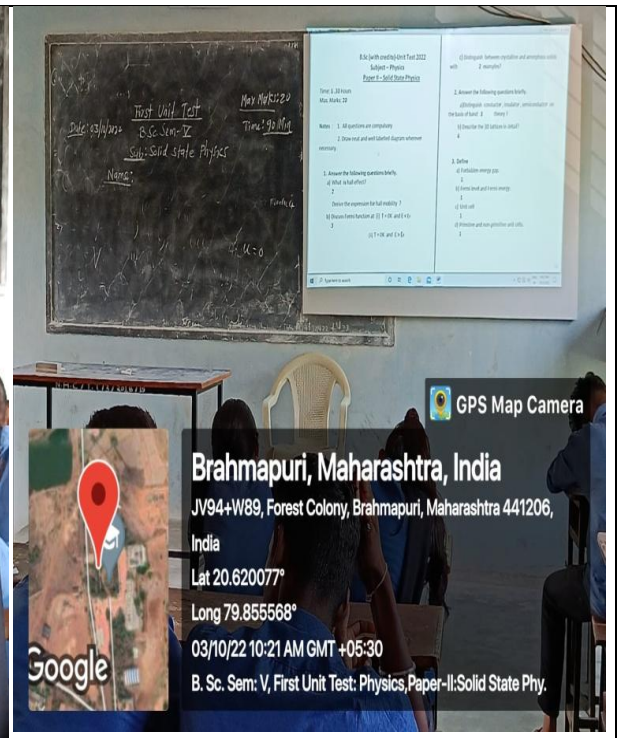
Head of the Department

UNIT TEST RECORD (Samples)

Session 2022-23



Unit Test Que. Paper (On Board) of
B. Sc. Sem I



Unit Test Que. Paper (On Board) of
B. Sc. Sem V



Unit Test Geo Tag Photo of Students of
B. Sc. Sem I



Unit Test Geo Tag Photo of Students of
B. Sc. Sem V

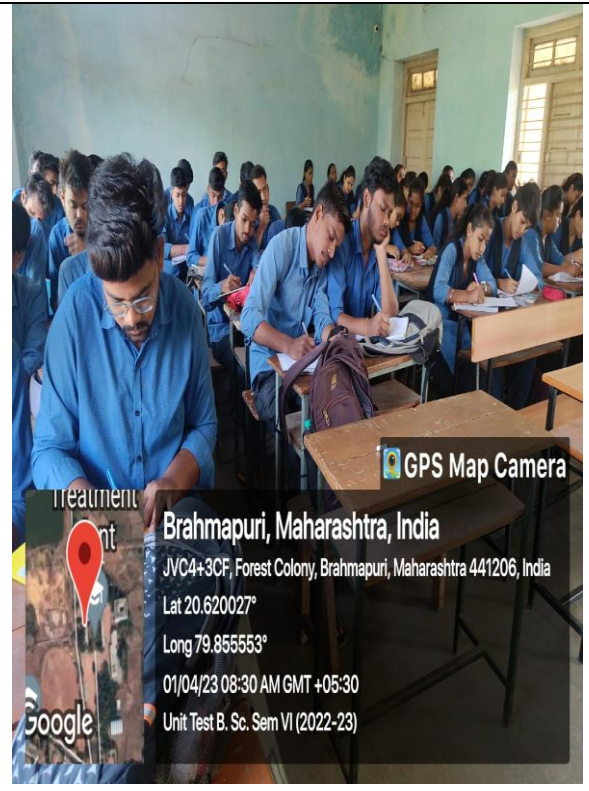


Brahmapuri, Maharashtra, India

JV94+W89, Forest Colony, Brahmapuri, Maharashtra 441206, India
 Lat 20.619877°
 Long 79.855623°
 01/10/22 08:00 AM GMT +05:30
 First Unit Test: Physics, Paper-I: N. H. College, Brahmapuri(M. S.)

Google

**Unit Test Geo Tag Photo of Students of
 B. Sc. Sem I**

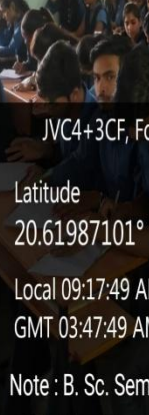


Brahmapuri, Maharashtra, India

JVC4+3CF, Forest Colony, Brahmapuri, Maharashtra 441206, India
 Lat 20.620027°
 Long 79.855553°
 01/04/23 08:30 AM GMT +05:30
 Unit Test B. Sc. Sem VI (2022-23)

Google

**Unit Test Geo Tag Photo of Students of
 B. Sc. Sem VI**

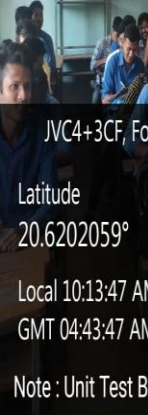


JVC4+3CF, Forest Colony, Brahmapuri, Maharashtra 441206, India

Latitude	Longitude
20.61987101°	79.85562645°
Local 09:17:49 AM	Altitude 243 meters
GMT 03:47:49 AM	Saturday, 25.03.2023

Note : B. Sc. Sem-II Subject- Physics Unit Test

**Unit Test Geo Tag Photo of Students of
 B. Sc. Sem II**



JVC4+3CF, Forest Colony, Brahmapuri, Maharashtra 441206, India

Latitude	Longitude
20.6202059°	79.8556648°
Local 10:13:47 AM	Altitude 243 meters
GMT 04:43:47 AM	Thursday, 13.04.2023

Note : Unit Test B.Sc. III Physics

**Unit Test Geo Tag Photo of Students of
 B. Sc. Sem VI**

* First Unit Test *

B.Sc. Sem-I
Mechanics & Relativity

Max Marks: 20
Time: 2 Hrs.

Que. 1) State and explain Newton's laws of motion. 2½ Marks.

Que. 2) Discuss the limitations of Newton's laws of motion. 2½ Marks.

Que. 3) What is inertial & non-inertial frame of reference. 2 Marks.

Que. 4) What is centre of mass. 1 Mark.

Que. 5) Explain centripetal force. 2 Marks.

Que. 6) Discuss the uniformly rotating frame of reference in detail. 6 Marks.

Que. 7) Derive the equation of motion of centre of Mass. 4 Marks.

Unit Test: Sample Que. Paper

First Unit Test 15/15

B.Sc - Sem I
PAPER - I MECHANICS AND RELATIVITY

Page No. 1

Name: Himanshu Ravindraji Kothange
College name: N.H. College Bramhapuzi

Q. 1. State and explain 'Newton's laws of motion'.

⇒ In 1687 Sir Issac Newton in his book 'philosophiæ naturalis principia mathematica' gives the relation between the body and forces acting on it, which gives rise to 'Newton's laws of motion'.

Newton's first law of motion: 'Every inanimate (Non-living) body must continue in a state of rest or of uniform motion unless some external unbalanced force acts on it.'

Newton's first law of motion is precisely explained as follows,

i) The object is at rest is always in rest unless some external unbalanced force acts on it.

ii) The object in motion does not change its velocity unless some external force acts on it.

Newton's second law of motion: It is states that the rate of change of linear momentum is directly proportional to the impressed force and takes place in the direction of applied force'

Unit Test Sample Answer Paper

First Unit Test
B.Sc. sem I

PAGE NO. 1
DATE: 01/10/2024

Marks = 20 M.
Time = 90 min

Paper I - Mechanics and Relativity.

Name: Millad Narendra Thakare. 16/20

College: N.H. College Bramhapuzi.

Q. 1)

Ans:- There are three Newton's law of motion, as following.

1) Newton's first law of motion :- Every non-living object will continue its state of rest or uniform motion until and unless the external unbalanced force act on it. It is also called as law of Inertia.

Explanation:- Newton's first law of motion is precisely explained as :-

i) An object is in rest will continue its state of rest until and unless the external unbalanced force act on it.

ii) An object is in motion will continue its state of motion until and unless the external unbalanced force act on it.

Newton's first law give Qualitative def of force

2) Newton's second law of motion: The rate of change of linear momentum of body is directly proportional to external force and take place in the direction of applied force.

Explanation:-
Let P be the linear momentum of body. and $P = m\vec{v} \rightarrow (1)$.

Unit Test Sample Answer Paper

Date: 03/10/22

First Unit test

B.Sc sem - V
Sub: Solid state physics

12/15

Name: Nikita c. phare.

Answers

Q. 1) Hall Effect :- The production of potential difference across the electrical conductor, when magnetic field applied in that flow of current is known as Hall effect. → page no.

crystalline solid	amorphous solid.
<ul style="list-style-type: none"> 1) In regular 2D, 3D dimensional arrangement of atoms or molecule due to which have well defined geometrical shape. 2) They have sharp melting point. 3) They have long range order. 4) They are anisotropic. <p>Ex - Metal, Crystals.</p>	<ul style="list-style-type: none"> 1) there is no regular arrangement of a particle. Hence they will not have well defined geometrical shape. 2) They have sharp melting point. 3) They have short range order. 4) They are isotropic. <p>Ex: glasses.</p>

Unit Test Sample Answer Paper


INTERNAL ASSIGNMENT RECORD (Samples)

Session 2022-23

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST.CHANDRAPUR



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - I/II/III/IV/V/VI

ACADEMIC SESSION

2022 -2023

Name of the Student : Aachal Pravindra Banker.

Class: Bsc. 1-year, 4-sem. Section : PCM

Subject Physics. -I

Roll No./Exam Seat No. : _____

Obtained Mark : _____

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST. - CHANDRAPUR



CERTIFICATE

DEPARTMENT OF Physics. - I

This is to certify that Shri / Ku. / Smt. Achal

Ravindra Bunker.

is a bonafide student of

Class Bsc. I year. Roll No. _____ He / She has done

Unsatisfactory / Satisfactory / Good / Excellent Assignment work in the subject

In charge Lecture /

Head of the Deptt.

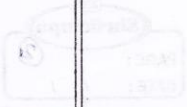
Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441206

Principal

- INDEX -

Sr.No.	Title	Page No.	Remarks
Q.1.	Define scalar and vector with examples.	1	
Q.2.	Define divergence of a vector given the physical significance of divergence to show divergence of clay is equal to net outward flux per unit volume.		
Q.3.	Find the divergence of a vector $\vec{A} = (xy\hat{i} + yz\hat{j} + zx\hat{k})$ at a point (1,1,-1)		
Q.4.	Define scalar Product of two vectors show that $\vec{A} \cdot \vec{B} = A_x B_x + A_y B_y + A_z B_z$		
Q.5.	Calculate the area of a parallelogram whose adjacent sides are given by vectors		
Q.6.	Define gradient of a scalar field and given its physical significance.		
Q.7.	Define curl of a vector and show that		
Q.8.	Define cross product of two vectors state its important properties.		
Q.9.	Find the scalar and vector product of $\vec{A} = 3\hat{i} + 2\hat{j} + \hat{k}$ and $\vec{B} = 4\hat{i} + 2\hat{j} + 9\hat{k}$		
Q.10.	State Gauss's divergence theorem.		

11
rel
ly
hor
17/2



Of Practical

Q.1. Define scalar and vector with examples.

i) Scalar Quantity: The physical quantity which has only magnitude but no direction is called scalar quantity or scalar.

Examples: Mass, work, density, temperature, speed, work, heat etc.

ii) vector Quantity: The physical quantity which is completely known by its magnitude as well as direction is called vector quantity or vector.

Examples: Displacement, velocity, acceleration, force, electric field, intensity etc.

Q.2. Define divergence of a vector. Give the physical significance of divergence to show divergence of day is equal to net outward flux per unit volume.

Ans:- Suppose there is a region defined by a vector $\vec{r} = (x, y, z)$ then the divergence of vector field \vec{V} written as $\vec{\nabla} \cdot \vec{A}$ or $\text{div } \vec{V}$ is defined by

$$\vec{\nabla} \cdot \vec{V} = \left[\frac{\partial}{\partial x} \hat{i} + \frac{\partial}{\partial y} \hat{j} + \frac{\partial}{\partial z} \hat{k} \right] \cdot [V_x \hat{i} + V_y \hat{j} + V_z \hat{k}]$$

$$= \left(\frac{\partial V_x}{\partial x} + \frac{\partial V_y}{\partial y} + \frac{\partial V_z}{\partial z} \right)$$

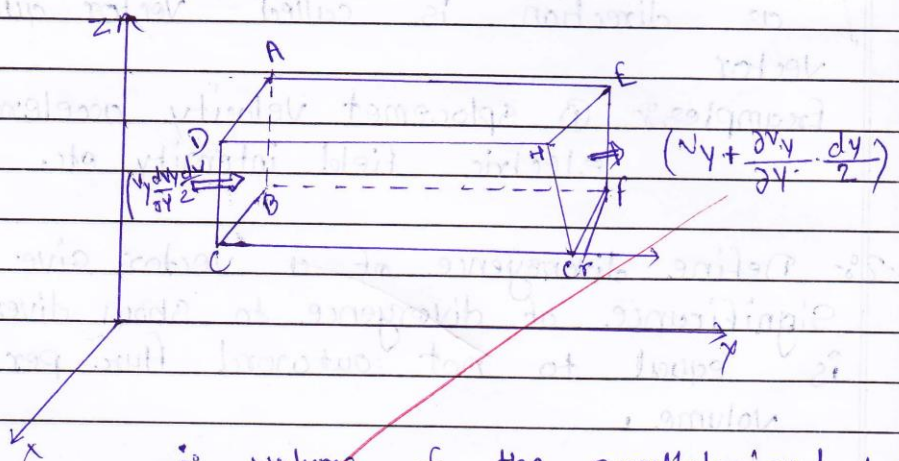
① divergence of a vector is a scalar quantity.

Name Of Practical

Physical Significance of Divergence:

Divergence of a vector field at point is defined as the amount of flux unit volume diverging from that point. The divergence is the amount of flux a scalar quantity.

Consider a small parallelepiped edges dx , dy and dz parallel to three axes inside a fluid which is in motion.



∴ volume of the parallelepiped = $dx dy dz$
 let \vec{v} = velocity of the fluid at any point at the centre point $P(x, y, z)$ inside a Parallelepiped.

And v_x , v_y and v_z be the components of \vec{v} along three axes.

∴ $\frac{dv_y}{dy}$ = Rate of change of v_y along

from the point P , the centre of the face is at a distance $\frac{dy}{2}$

Teachers Signature.....

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST.CHANDRAPUR.



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - I/II/III/IV/V/VI

ACADEMIC SESSION

2022-2023

Name of the Student : Prashik Ashok Gedam

Class: BSC 1st year Section : _____

Subject physics -II

Roll No./Exam Seat No. : _____

Obtained Mark : _____

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST. - CHANDRAPUR



CERTIFICATE

DEPARTMENT OF physics

This is to certify that Shri / Ku. / Smt. poashik

Ashok Gedam is a bonafide student of

Class BSC 1st year Roll No. _____ He / She has done

Unsatisfactory / Satisfactory / Good / Excellent Assignment work in the subject

Ashok Gedam
In charge Lecture /

Ashok Gedam
Head of the Deptt.
Head

Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441206

Principal

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST.CHANDRAPUR



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - I/II/III/IV/V/VI

ACADEMIC SESSION

2022 -2023

Name of the Student : Dipali R. Gabhane.

Class: M.Sc.-1st yr Section : _____

Subject Quantum Mechanics

Roll No./Exam Seat No. : _____

Obtained Mark : _____

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE
BRAMHAPURI, DIST. - CHANDRAPUR



CERTIFICATE

DEPARTMENT OF physics

This is to certify that Shri / Ku. / Smt. Dipali R.

Gabhane

is a bonafide student of

Class M.Sc. 1st yr Roll No. _____ He / She has done

Unsatisfactory / Satisfactory / Good / Excellent Assignment work in the subject

physics

In charge Lecture /

Abraham

Head of the Deptt.

Head
Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441206

Principal

INTERNAL ASSIGNMENT SUBMISSION SHEETS (Samples)

Session 2022-23

Nejrabai Hitkarini College, Bramhapuri
Department of Physics
B. Sc. III Sem. V (Session 2022 -23)

Sr. No.	Name Of Student	Assignment Paper - I	Assignment Paper - I
1	ABHAYA MURLIDHAR SORTE	Abhaya	Abhaya
2	ABHINAY PUNDLIK WAKEKAR	Abalakar	Abalakar
3	AJAY LEMRAJ SURYAWANSHI	Ajayawanshi	Ajayawanshi
4	AKASH PRAMOD MESHRAM	Akash	Akash
5	ANIKET VIJAY DAHELKAR	Abalakar	Abalakar
6	ARPIT GOKULDAS NANDESHWAR	Arpit	Arpit
7	AVINASH JAYPAL DHORE	Ash	Ash
8	CHETAN MOHAN RAUT	Chetan	Chetan
9	CHETAN YOGESHWAR KAMBALE	Not Submitted	Not Submitted
10	DARSHANA HANAJI GAWAL	Darshana	Darshana
11	DHANASHRI SUNILKUMAR THAKUR	Dhanashri	Dhanashri
12	DHARATI NARENDRA RAUT	Dharati	Dharati
13	DIVYAJYOTI ANMOL CHIMANKAR	Divyankar	Divyankar
14	DNYANESHWARI ARUN NANNEBOINWAR	Dnyaneshwari	Dnyaneshwari
15	FARINNAJ JAMIL SHEIKH	Farinnaj	Farinnaj
16	FAZILZAMA TARIQUEZAMA QURESHI	Fazilzama	Fazilzama
17	GAURAV BALWANT TAKSANDE	Gaurav	Gaurav
18	GAYATRI KALIDAS SONWANE	Gayatri	Gayatri
19	JANHAVI VILAS NISHANE	Janhavi	Janhavi
20	KALYANI GAJANAN LANDEKAR	Kalandekar	Kalandekar
21	KALYANI RAVINDRA THAKARE	Kalyani	Kalyani
22	KALYANI VILAS SHRIRAME	Shrirame	Shrirame
23	KETAKI TUKARAM PARDHI	Ketaki	Ketaki
24	KHUSHI SHRIKANT ISALWAR	Khushi	Khushi
25	KIRTI TEKRAM MARGAYE	K.T. Margaye	K.T. Margaye
26	KOMAL VILASRAO DEVIKAR	Devikar	Devikar

27	KUNAL DILIP MASKE	<u>Kmaske</u>	<u>Kmaske</u>
28	LINA RAVINDRA GHUTAKE	<u>L.R. Ghutake</u>	<u>L.R. Ghutake</u>
29	LOKESH RAJENDRA DHOMANE	<u>Lokesh</u>	<u>Lokesh</u>
30	LUKESH MANIK BHARDWAR	<u>LB</u>	<u>LB</u>
31	MADHUR SUNILRAO MESHARAM	<u>Mesharam</u>	<u>Mesharam</u>
32	MAHESH BISAN BAGMARE	<u>MBB agmare</u>	<u>MBB agmare</u>
33	MANASI JITENDRA BEHARE	<u>MBehare</u>	<u>MBehare</u>
34	MANESH MANOHAR BHUSARI	Not submitted	Not submitted
35	MAYUR GHANSHAM CHINCHEKAR	<u>MChinchekar</u>	<u>MChinchekar</u>
36	MITALI BHAGWAN AMBONE	<u>MBbone</u>	<u>MBbone</u>
37	MOHIT NAMDEO GAOTURE	<u>MGaoture</u>	<u>MGaoture</u>
38	NIKHIL ANIL SHEDMAKE	<u>NS</u>	<u>NS</u>
39	NIKITA SUBHASH THAKARE	<u>NThakare</u>	<u>NThakare</u>
40	OM SUBHASH BODDAR	<u>OB</u>	<u>OB</u>
41	PALLAVI CHANDRASHAN URKUDE	<u>PUrkuade</u>	<u>PUrkuade</u>
42	PAYAL VINAYAK BORKAR	<u>PBorkar</u>	<u>PBorkar</u>
43	PRACHEE PRAKASH CHAHANDE	<u>PChahande</u>	<u>PChahande</u>
44	PRADNYA DEVENDRA MESHARAM	<u>PMesharam</u>	<u>PMesharam</u>
45	PRAJWAL SURESH WANKHEDE	<u>PWankhede</u>	<u>PWankhede</u>
46	PRANJALI BHIMRAO DUDHE	<u>PDudhe</u>	<u>PDudhe</u>
47	PRATHAM PRAKASH SONKUSARE	<u>PSonkusare</u>	<u>PSonkusare</u>
48	PRATIK SUDHAKAR MANKAR	<u>PMankar</u>	<u>PMankar</u>
49	PRATIKSHA BHAGWAN REWADE	<u>PRewade</u>	<u>PRewade</u>
50	PRAVIN LAVAKUSH VAIDYA	<u>PVaidya</u>	<u>PVaidya</u>
51	PRAVIN PRAMOD BANGARE	<u>PBangare</u>	<u>PBangare</u>
52	PRIYA PRAKASH AREKAR	<u>PArekare</u>	<u>PArekare</u>
53	PRIYANKA ANIL MASKE	<u>PAMaske</u>	<u>PAMaske</u>
54	PUJA RAJENDRA TARARE	<u>PTarare</u>	<u>PTarare</u>
55	PUNAM RAJU PANDAO	<u>PPandao</u>	<u>PPandao</u>
56	PUSHKAR CHETAN NAKADE	<u>PNakade</u>	<u>PNakade</u>


57	PUSHPAK PRAKASH SHIVARKAR	P.S.	P.S.
58	RAHUL RAJKUMAR UIKEY	Ruikey	Ruikey
59	RAKHI MORESHWAR DAHALKAR	Rnahalkar	Rnahalkar
60	RAMANANDSWAMI VISHWANATH WADHAI	Rvadhai	Rvadhai
61	RIYA HARIDAS THENGARI	RHthengari	RHthengari
62	ROHAN DIWAKAR SELOTE	Rselote	Rselote
63	ROHIT AMRUT SURYWANSHI	Rohit	Rohit
64	ROHIT BHARAT LOKHANDE	Rlokhande	Rlokhande
65	ROHIT RAMESH SHENDE	- Not submitted -	- Not submitted -
66	SAHIL PARASRAM MARBATE	Smarbate	Smarbate
67	SAIESH KRUSHNAJI KUTHE	Skutte	Skutte
68	SAKSHI DINESH CHIMAL WAR	Schimalwar	Schimalwar
69	SALMAN JAKIRHUSSAIN SHEIKH	Ssheikh	Ssheikh
70	SAMIR DHANRAJ MESHARAM	Smeshram	Smeshram
71	SAMIR KEWALRAM MISAR	Smisar	Smisar
72	SAMIR SUNIL URADE	S.S. urade	S.S. urade
73	SANKET DEBRAJ MANDAPE	Smandape	Smandape
74	SAURABH SHYAMSUNDAR SHENDE	S-shende	S-shende
75	SHANKAR MANOHAR KOTRANGE	SKT. (M. H. K. T.)	SKT. (M. H. K. T.)
76	SHIVAM VIJAY GAUTRE	Sgautre	Sgautre
77	SHIVANI DEVIDAS TONDARE	Stondare	Stondare
78	SHREYASH RAMESH LOKHANDE	Sshinde	Sshinde
79	SHRUTI GAJENDRA JAWANJAL	Sjawanjali	Sjawanjali
80	SHWETA DILIP DOMALE	Sdomale	Sdomale
81	SIDDHANT RAJKUMAR FULZELE	Sfulzele	Sfulzele
82	SONALI TULSHIDAS DHONGE	Sdhonge	Sdhonge
83	SONI CHHATRAPAL NIHATE	Snihate	Snihate
84	SPANDAN SUDHAKAR RAMTEKE	Sramteke	Sramteke
85	SUKESHNI SUDHAKAR MESHARAM	Smeshram	Smeshram
86	SUMIT MUKTESHWAR MANGAR	- Not submitted -	- Not submitted -

87	SURAJ ARUN GEDAM	<u>Gedam</u>	<u>Gedam</u>
88	SURENDRA DATTATRAY LENGURE	<u>Lengure</u>	<u>Lengure</u>
89	SWAPNIL DHARMARAJ THENGARI	<u>S.D.Thengari</u>	<u>S.D.Thengari</u>
90	SWAPNIL KESHAO BAWANE	Not submitted	Not submitted
91	SWATI MANOJ HUMANE	<u>Humane</u>	<u>Humane</u>
92	SWATI RAJENDRA BORKAR	<u>Borkar</u>	<u>Borkar</u>
93	TANUJA SANTOSH RAUT	<u>Raut</u>	<u>Raut</u>
94	TRUPTI GOPAL SHENDE	<u>Shende</u>	<u>Shende</u>
95	UMESH DASHRATH FULZELE	Not submitted	Not submitted
96	VAISHALI PUNDALIKRAO RAUT	<u>Raut</u>	<u>Raut</u>
97	VIVIDH NARENDRA KHOBRADE	<u>Khobrade</u>	<u>Khobrade</u>
98	YASH MANOHAR YERNE	<u>Yerne</u>	<u>Yerne</u>


 Head
 Department of Physics
 Nevjabai Hirkarini College
 Bramhapuri - 441206

Nevjabai Hitkarini College, Bramhapuri
Department of Physics
M. Sc. I Sem. I (Session 2022 -23)

Sr. No.	Name Of Student	Assignment -All Paper	Seminar
1	ACHAL PREMDAS DESHMUKH	<u>Aeshmukh</u>	<u>Aeshmukh</u>
2	AMISHA EKNATH GURNULE	<u>Agle</u>	<u>Agle</u>
3	DIPALI RAMCHANDRA GABHANE	<u>D.R.Gabhane</u>	<u>D.R.Gabhane</u>
4	HARSHALATA RAJKUMAR TIGHARE	<u>Harshu</u>	<u>Harshu</u>
5	MANSI MANOHAR MESHRAM	<u>Meshram</u>	<u>Meshram</u>
6	POURNIMA BHIMRAO HUMANE	<u>Bhumane</u>	<u>Bhumane</u>
7	PRACHI DADAJI KAMBLE	<u>Pk</u>	<u>Pk</u>
8	PRACHI KISHOR BHURE	<u>PB</u>	<u>PB</u>
9	PRAJAKTA PRABHAKAR MAKADE	<u>Prakade</u>	<u>Prakade</u>
10	PRAJAKTA PRAMOD SHENDE	<u>Shende 06/12/22</u>	<u>Shende 06/12/22</u>
11	PRANJALI PRABHU SHAHARE	<u>Pshahare</u>	<u>Pshahare</u>
12	PUNAM VINAYAK BHAGADKAR	<u>Bhagadkar</u>	<u>Bhagadkar</u>
13	RAJANI REVARAM BHURE	<u>Rb</u>	<u>Rb</u>
14	RITIK KOVID MURMURWAR	Not submitted	Not submitted
15	SHITAL LOKMAN RAUT	<u>Raut</u>	<u>Raut</u>
16	TWINKLE PRABHAKAR NAGRE	<u>Tnagre</u>	<u>Tnagre</u>
17	VAISHNAVI CHANDRAHAS NAKTODE	<u>Vnktode</u>	<u>Vnktode</u>
18	VAISHNAVI MANOHAR WANJARI	<u>Vnari</u>	<u>Vnari</u>


Head
 Department of Physics
 Nevjabai Hitkarini College
 Bramhapuri - 441206

UNIT TEST: ATTENDANCE SHEETS (Samples)

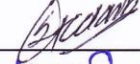

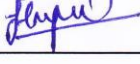
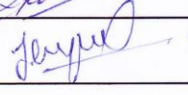
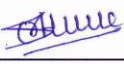
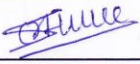
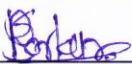



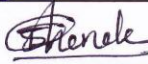
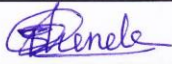
Session: 2022-23

Nevjabai Hitkarini College, Bramhapuri
Department of Physics
B. Sc. III Sem. V (Session 2022 -23)

Sr. No.	Name Of Student	1st Unit Test	2nd Unit Test
1	ABHAYA MURLIDHAR SORTE	Abhaya	Abhaya
2	ABHINAY PUNDLIK WAKEKAR	AB	AB
3	AJAY LEMRAJ SURYAWANSHI	Ajaywanshi	Ajaywanshi
4	AKASH PRAMOD MESHAM	Akash	Akash
5	ANIKET VIJAY DAHELKAR	AB	Aniket
6	ARPIT GOKULDAS NANDESHWAR	AB	Arpit
7	AVINASH JAYPAL DHORE	Avinash	Avinash
8	CHETAN MOHAN RAUT	Chetan	AB
9	CHETAN YOGESHWAR KAMBALE	AB	Chetankamble
10	DARSHANA HANAJI GAWAL	AB	Darshan
11	DHANASHRI SUNILKUMAR THAKUR	Dhanashri	Dhanashri
12	DHARATI NARENDRA RAUT	Dharati	Dharati
13	DIVYAJYOTI ANMOL CHIMANKAR	Divyajyoti	Divyajyoti
14	DNYANESHWARI ARUN NANNEBOINWAR	Dnyaneshwari	Dnyaneshwari
15	FARINNAJ JAMIL SHEIKH	AB	Farinna
16	FAZILZAMA TARIQUEZAMA QURESHI	AB	Fazilzama
17	GAURAV BALWANT TAKSANDE	Gaurav	AB
18	GAYATRI KALIDAS SONWANE	Gayatri	Gayatri
19	JANHAVI VILAS NISHANE	Janhavi	Janhavi
20	KALYANI GAJANAN LANDEKAR	Kalandekar	Kalandekar
21	KALYANI RAVINDRA THAKARE	Kalyani	Kalyani
22	KALYANI VILAS SHRIRAME	AB	Kalyanishrirame
23	KETAKI TUKARAM PARDHI	Ketaki	Ketaki
24	KHUSHI SHRIKANT ISAL WAR	Khushi	Khushi
25	KIRTI TEKRAM MARGAYE	K.T. Margaye	K.T. Margaye
26	KOMAL VILASRAO DEVIKAR	Komal	Komal

27	KUNAL DILIP MASKE	<u>Kmaske</u>	<u>Kmaske</u>
28	LINA RAVINDRA GHUTAKE	<u>L.R. Ghutake</u>	<u>L.R. Ghutake</u>
29	LOKESH RAJENDRA DHOMANE	AB	<u>L.K. Dhomane</u>
30	LUKESH MANIK BHARDWAR	AB	<u>LKB</u>
31	MADHUR SUNILRAO MESHRAM	<u>Meshram</u>	<u>Meshram</u>
32	MAHESH BISAN BAGMARE	AB	<u>MBagmare</u>
33	MANASI JITENDRA BEHARE	AB	<u>MBehare</u>
34	MANTESH MANOHAR BHUSARI	AB	<u>Mbhusari</u>
35	MAYUR GHANSHAM CHINCHEKAR	<u>Mchinchekar</u>	<u>Mchinchekar</u>
36	MITALI BHAGWAN AMBONE	<u>Mambone</u>	<u>Mambone</u>
37	MOHIT NAMDEO GAOTURE	<u>Mgaoture</u>	AB
38	NIKHIL ANIL SHEDMAKE	<u>Nshedmake</u>	<u>Nshedmake</u>
39	NIKITA SUBHASH THAKARE	<u>Nthakare</u>	<u>Nthakare</u>
40	OM SUBHASH BODDWAR	<u>Osbodwar</u>	<u>Osbodwar</u>
41	PALLAVI CHANDRASHAN URKUDE	<u>Purkude</u>	<u>Purkude</u>
42	PAYAL VINAYAK BORKAR	<u>Pborkar</u>	<u>Pborkar</u>
43	PRACHEE PRAKASH CHAHANDE	<u>Pchahande</u>	<u>Pchahande</u>
44	PRADNYA DEVENDRA MESHRAM	<u>Pmeshram</u>	<u>Pmeshram</u>
45	PRAJWAL SURESH WANKHEDE	<u>Pwankhede</u>	AB
46	PRANJALI BHIMRAO DUDHE	<u>Pdudhe</u>	<u>Pdudhe</u>
47	PRATHAM PRAKASH SONKUSARE	<u>Psonkusare</u>	<u>Psonkusare</u>
48	PRATIK SUDHAKAR MANKAR	<u>Pmankar</u>	<u>Pmankar</u>
49	PRATIKSHA BHAGWAN REWADE	<u>Prewade</u>	<u>Prewade</u>
50	PRAVIN LAVAKUSH VAIDYA	<u>Pvaidya</u>	<u>Pvaidya</u>
51	PRAVIN PRAMOD BANGARE	AB	<u>Pbhangare</u>
52	PRIYA PRAKASH AREKAR	<u>Prekar</u>	AB
53	PRIYANKA ANIL MASKE	<u>Pamaske</u>	AB
54	PUJA RAJENDRA TARARE	<u>Prtarare</u>	<u>Prtarare</u>
55	PUNAM RAJU PANDAO	<u>Ppandao</u>	<u>Ppandao</u>
56	PUSHKAR CHETAN NAKADE	<u>Pnakade</u>	<u>Pnakade</u>

57	PUSHPAK PRAKASH SHIVARKAR	AB	P.S.
58	RAHUL RAJKUMAR UIKEY	Rajukay	Rajukay
59	RAKHI MORESHWAR DAHALKAR	Mahalkar	Mahalkar
60	RAMANANDSWAMI VISHWANATH WADHAI	Ramadhai	Ramadhai
61	RIYA HARIDAS THENGARI	AB	RHbengari
62	ROHAN DIWAKAR SELOTE	Rselote	Rselote
63	ROHIT AMRUT SURYWANSHI	RHS	RHS
64	ROHIT BHARAT LOKHANDE	Rokhande	Rokhande
65	ROHIT RAMESH SHENDE	R.R.shende.	R.R.shende.
66	SAHIL PARASRAM MARBATE	S.Marbate	S.Marbate
67	SAIESH KRUSHNAJI KUTHE	S.Kuthe	S.Kuthe
68	SAKSHI DINESH CHIMALWAR	Shimalwar	Shimalwar
69	SALMAN JAKIRHUSSAIN SHEIKH	AB	S.S.
70	SAMIR DHANRAJ MESHARAM	Beshram	Beshram
71	SAMIR KEWALRAM MISAR	S.Misar	S.Misar
72	SAMIR SUNIL URADE	AB	S.Urade
73	SANKET DEBRAJ MANDAPE	S.Mandape	S.Mandape
74	SAURABH SHYAMSUNDAR SHENDE	S.Shende	S.Shende
75	SHANKAR MANOHAR KOTRANGE	शंकर. मंग. कोत्रांगे	शंकर. मंग. कोत्रांगे
76	SHIVAM VIJAY GAUTRE	AB	S.V.Gautre
77	SHIVANI DEVIDAS TONDARE	S.Tondare	S.Tondare
78	SHREYASH RAMESH LOKHANDE	AB	S.Lokhande
79	SHRUTI GAJENDRA JAWANJAL	AB	S.Jawanjal
80	SHWETA DILIP DOMALE	S.Domale	S.Domale
81	SIDDHANT RAJKUMAR FULZELE	S.Fulzele	S.Fulzele
82	SONALI TULSHIDAS DHONGE	S.Dhonge	S.Dhonge
83	SONI CHHATRAPAL NIHATE	S.Nihate	S.Nihate
84	SPANDAN SUDHAKAR RAMTEKE	S.Ramteke	S.Ramteke
85	SUKESHNI SUDHAKAR MESHARAM	S.Mesharam	S.Mesharam
86	SUMIT MUKTESHWAR MANGAR	AB	S.Mangar

87	SURAJ ARUN GEDAM		
88	SURENDRA DATTATRAY LENGURE		
89	SWAPNIL DHARMARAJ THENGARI	S.D.Thengari	S.D.Thengari
90	SWAPNIL KESHAO BAWANE	AB	S.K.Bawane
91	SWATI MANOJ HUMANE		
92	SWATI RAJENDRA BORKAR		
93	TANUJA SANTOSH RAUT		
94	TRUPTI GOPAL SHENDE		
95	UMESH DASHRATH FULZELE	AB	Umesh
96	VAISHALI PUNDALIKRAO RAUT	AB	V.Raut
97	VIVIDH NARENDRA KHOBRADE	AB	V.Khobragade
98	YASH MANOHAR YERNE	AB	Yerne


Head

Department of Physics
Nejrabai Hitkarini College
Bramhapuri - 441206



(D.M. Parshuram Kar)

PRACTICAL: DAILY ATTENDANCE SHEETS (Samples)

Session: 2022-23

Nevjabai Hitkarini College, Bramhapuri

Department of Physics

B. Sc. III Sem. V (Session 2022 -23)

Batch:- CCI

(computer science)

Sr. No.	Name Of Student	22/08/22	22/09/22	22/10/22	22/11/22	22/12/22	22/01/23	22/02/23	22/03/23	22/04/23	22/05/23	22/06/23	22/07/23
1	ABHAYA MURLIDHAR SORTE	P	P	P	P	P	P	A	P	A	P	P	P
2	AJAY LEMRAJ SURYAWANSHI	P	P	P	P	P	P	P	P	P	P	P	P
3	ARPIT GOKULDAS NANDESHWAR	A	A	A	A	A	A	A	A	A	A	A	A
4	DHANASHRI SUNILKUMAR THAKUR	P	P	A	P	P	P	P	A	P	P	P	A
5	DHARATI NARENDRA RAUT	P	P	A	A	P	P	P	P	P	P	P	P
6	FARINNAJ JAMIL SHEIKH	P	P	P	P	P	P	P	P	P	P	A	P
7	GAURAV BALWANT TAKSANDE	P	P	P	P	P	P	P	P	P	P	P	P
8	JANHAVI VILAS NISHANE	P	P	P	P	P	P	P	A	P	P	P	P
9	KALYANI RAVINDRA THAKARE	P	P	P	P	P	P	A	A	P	P	P	P
10	KETAKI TUKARAM PARDHI	A	P	P	A	P	P	P	P	P	P	P	P
11	KOMAL VILASRAO DEVIKAR	A	A	A	A	P	A	A	P	A	A	A	A
12	MAHESH BISAN BAGMARE	P	A	A	A	P	P	A	P	P	P	A	P
13	MANASI JITENDRA BEHARE	P	P	P	P	P	A	A	A	A	P	P	P
14	MAYUR GHANSHAM CHINCHEKAR	P	A	P	P	P	P	P	P	P	P	P	A
15	NIKHIL ANIL SHEDMAKE	P	P	P	P	P	P	P	P	P	P	P	A
16	PALLAVI CHANDRASHAN URKUDE	P	P	P	P	P	P	A	A	P	P	P	A
17	LUKESH MANIK BHARDWAR	A	P	P	P	P	A	P	P	P	A	A	A
18	FATIL ZAMAR KURESHI	A	P	P	P	P	A	P	P	P	P	A	A
19													


 (P.M. Parshramkar)

Nevjabai Hitkarini College, Bramhapuri


DMP

Department of Physics

B. Sc. I Sem. I (Session 2022 -23)

Batch :- AN4

Sr. No.	Name Of Student	30/08/2022	02/09/2022	06/09/2022	13/09/2022	20/09/2022	23/09/2022	27/09/2022	30/09/2022	04/10/2022	07/10/2022	25/10/2022	14/10/2022
1	AACHAL RAVINDRA BANKAR	A	P	P	P	A	A	P	P	P	P	P	A
2	AASTHA PRADIP MESHAM	A	A	A	A	A	A	A	A	A	A	A	A
3	ABHAY VIJAY DESHMUKH	A	P	A	A	A	A	A	A	A	A	A	A
4	AKANKSHA GAJANAN WAGH	A	A	A	P	P	P	P	P	P	P	P	P
5	ALIYA TABASSUM MO ARIF SAUDAGAR	A	A	A	A	A	A	A	A	A	A	A	A
6	AMAN NARENDRA MATE	P	P	A	A	A	A	A	A	P	P	P	A
7	ANIKET DINKAR KHETRE	A	A	P	P	P	P	P	A	A	A	A	A
8	APEKSHA SUKHDEV MOHURLE	P	P	P	P	P	P	P	P	P	P	P	P
9	ASHISH DILIP KUMBHARE	A	A	P	P	A	A	A	A	P	A	A	A
10	CHANDAN MANOHAR GAWAL	A	A	A	A	A	A	A	A	A	A	A	A
11	CHETAN VISHWANATH KAWALE	P	P	P	A	P	P	P	A	A	P	A	A
12	CHOKESHWAR ASHOK BHUTE	P	P	P	A	P	P	P	P	P	P	P	P
13	DIGAMBAR PITAMBAR GEDAM	A	A	A	A	A	A	A	A	A	A	A	A
14	DIPTI NANDKISHOR DHAKATE	P	P	P	P	A	A	P	P	A	A	A	A
15	GANESH SURENDRA BORKUTE	P	P	P	P	P	P	P	P	P	P	P	P
16	GUNJAN ASHOK JENGATHE	P	P	P	P	P	P	P	P	P	P	P	P
17	HARSHVARDHAN BHISHI BULLE	P	P	A	A	P	P	A	A	P	A	A	A
18	HIMANSHU RAVINDRA KOTRANGE	P	P	P	P	P	P	P	P	P	P	P	P
19	ISHAN MADHUKAR MOTGHARE	A	A	P	P	P	P	P	A	A	A	A	A


C.M. Parshuramkar

BIFURCATION OF MARKS: INTERNAL ASSESSMENT

(Samples)

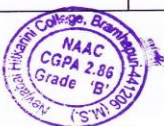
Session: 2022-23

GONDWANA UNIVERSITY GADCHIROLI
INTERNAL ASSESSMENT MARKS WINTER- 2022 (SEM - I)
SUBJECT :- PHYSICS

Name of College :- Nevjabai Hitkarini College, Bramhapuri

Sr. No.	Roll No.	Name of Students	Assingment (2)	Class Test (5)	Active Participation in Semina	Total Marks Paper-I	Assingment (2)	Class Test (5)	Active Participation in Semina	Total Marks Paper-II
1	5224919	AMBADE ADITYA NARENDRA	2	5	3	10	2	5	3	10
2	5224920	ANAWALE GAURI NANDKUMAR	2	5	3	10	2	5	3	10
3	5224922	ARADE SACHIN PANDHARI	2	2	3	7	2	2	3	7
4	5224923	BAGMARE CHANDANI NANAJI	2	4	3	9	2	4	3	9
5	5224925	BANKAR AACHAL RAVINDRA	2	5	3	10	2	4	3	9
6	5224927	BANKAR MILAN SHAMARAO	2	5	3	10	2	5	3	10
7	5224928	BANKAR NANDINI JAGDISH	2	4	3	9	2	5	3	10
8	5224930	BANPURKAR TRUPTI DHANANJAY	2	4	3	9	2	4	3	9
9	5224933	BARDE RANI ARUN	2	5	3	10	2	5	3	10
10	5224934	BAREKAR SAGAR RUSHI	2	5	3	10	2	5	3	10
11	5224935	BAWANE RAKHI VILAS	2	5	3	10	2	5	3	10
12	5224936	BHAISARE VAIBHAV JIVAN	2	5	3	10	2	5	3	10
13	5224940	BHARRE PRATIKSHA JITENDRA	2	4	3	9	2	4	3	9
14	5224942	BHOYAR SAYALI DNYANESHWAR	2	5	3	10	2	5	3	10
15	5224943	BHUTE CHOKESHWAR ASHOK	2	5	3	10	2	5	3	10
16	5224944	BILGAYYA EKTA SANTOSH	2	5	3	10	2	5	3	10
17	5224945	BODALKAR ROHIT SANJAY	2	5	3	10	2	5	3	10
18	5224946	BODELE HIMANI BHAGWAN	2	5	3	10	2	5	3	10
19	5224948	BOKADE MEGHA BHASKAR	2	5	3	10	2	5	3	10
20	5224952	BORKUTE GANESH SURENDRA	2	5	3	10	2	5	3	10
21	5224955	CHALAKH KUNAL DEVNATH	2	2	3	7	2	2	3	7
22	5224956	CHANNE PRANALI SUNIL	2	5	3	10	2	5	3	10
23	5224958	CHAUKE AISHWARYALAXMI DILIP	2	5	3	10	2	5	3	10
24	5224959	CHINCHEKAR KALYANI SANJAY	2	5	3	10	2	5	3	10
25	5224960	DAHIWALE ANIKET SHISHUPAL	2	4	3	9	2	5	3	10
26	5224962	DANGE ASHWINI AMBADAS	2	5	3	10	2	5	3	10
27	5224963	DANGE NIKHITA BHASKAR	2	5	3	10	2	5	3	10
28	5224965	DANGI DEEPAK MITHULAL	2	4	2	8	2	4	2	8
29	5224966	DARVE PRADIP MADAN	2	4	2	8	2	4	2	8

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur



Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441208

GONDWANA UNIVERSITY GADCHIROLI
INTERNAL ASSESSMENT MARKS WINTER- 2022 (SEM - III)
SUBJECT :- PHYSICS

Name of College :- Nevjabai Hitkarini College, Bramhapuri

Sr. No.	Roll No.	Name of Students	Assingnment (2)	Class Test (5)	Active Participati on in Seminar /Attendance (3)	Total Marks Paper- I	Assingnment (2)	Class Test (5)	Active Participatio n in Seminar /Attendance (3)	Total Marks Paper- II
1	5236865	ALONE SUHAS SURENDRA	2	5	3	10	2	5	3	10
2	5236867	AMBORKAR DIGVIJAY SHIVRAM	2	5	3	10	2	5	3	10
3	5236868	BADAN HEMA KAILAS	2	5	3	10	2	5	3	10
4	5236870	BAGADE SHREYASH PYARELAL	2	5	3	10	2	5	3	10
5	5236874	BANSOD SIMRAN PURUSHOTTAM	2	5	3	10	2	5	3	10
6	5236878	BHAJBHUJE VIJAY SHANKAR	2	4	3	9	2	5	3	10
7	5236879	BHANARKAR NANDINI AVINASH	2	5	3	10	2	5	3	10
8	5236880	BHANARKAR SNEHAL BHASKAR	2	5	3	10	2	5	3	10
9	5236882	BHARRE NIKITA RAJU	2	4	3	9	2	4	3	9
10	5236883	BHOYAR POOJA MAHADEO	2	4	3	9	2	4	3	9
11	5236884	BORKAR AAKANSHA DIGESHWAR	2	5	3	10	2	5	3	10
12	5236885	BORKAR SALONI GULAB	2	5	3	10	2	5	3	10
13	5236889	CHANDIKAR MAHESH BALAK	2	5	3	10	2	5	3	10
14	5236892	CHUDHARI PRANIT RAVINDRA	2	5	3	10	2	5	3	10
15	5236893	DADMAL YOGESH VIJAY	2	4	3	9	2	5	3	10
16	5236894	DAHULE MAHESHWARI MANOHAR	2	4	3	9	2	5	3	10
17	5236897	DHONGE REVAN SUDHAKAR	2	5	3	10	2	5	3	10
18	5236899	DHORE MINAKSHI SANJAY	2	5	3	10	2	5	3	10
19	5236900	DHORE PRATIKSHA NARENDRA	2	5	3	10	2	5	3	10
190	5236902	DHOTE PRATIK PRAKASH	2	5	3	10	2	5	3	10
21	5236904	DHURVE HRUSHIKET LALSU	2	5	3	10	2	5	3	10
22	5236905	DOIJAD KHUSHI SANJAY	2	5	3	10	2	5	3	10
23	5236908	DONGARE PIYANSHU NARENDRA	2	5	3	10	2	5	3	10
24	5236909	DUDHANI AMIRSINGH MANIKSHINGH	2	2	3	7	2	2	3	7
25	5236911	FUNDE ADITYA RAGHUNATH	2	4	2	8	2	4	2	8
26	5236913	GADE VAISHNAVI SURESH	2	5	3	10	2	5	3	10
27	5236916	GEDAM BHUMIKA RUPESH	2	4	3	9	2	4	3	9
28	5236917	GHATURKAR AMISHA RAJU	2	2	3	7	2	2	3	7

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur



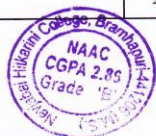
Head
Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441206

GONDWANA UNIVERSITY GADCHIROLI
INTERNAL ASSESSMENT MARKS WINTER- 2022 (SEM - V)
SUBJECT :- PHYSICS

Name of College :- Nevjabai Hitkarini College, Bramhapuri

Sr. No.	Roll No.	Name of Students	Assing nement (2)	Class Test (5)	Active Participati on in Seminar /Attendanc e (3)	Total Marks Paper- I	Assing nement (2)	Class Test (5)	Active Participati on in Seminar /Attendanc e (3)	Total Marks Paper- II
1	5252049	AMBONE MITALI BHAGWAN	2	5	3	10	2	5	3	10
2	5252050	AREKAR PRIYA PRAKASH	2	5	3	10	2	4	3	9
3	5252052	BAGMARE MAHESH BISAN	2	5	3	10	2	4	3	9
4	5252053	BANGARE PRAVIN PRAMOD	2	4	3	9	2	5	3	10
5	5252055	BAWANE SWAPNIL KESHAO	2	3	2	7	2	3	2	7
6	5252057	BEHARE MANASI JITENDRA	2	5	3	10	2	5	3	10
7	5252059	BHARDWAR LUKESH MANIK	2	4	3	9	2	5	3	10
8	5252060	BHUSARI MANTESH MANOHAR	2	4	1	7	2	4	1	7
9	5252061	BODDAWAR OM SUBHASH	2	5	3	10	2	4	3	9
10	5252064	BORKAR PAYAL VINAYAK	2	5	3	10	2	5	3	10
11	5252065	BORKAR SWATI RAJENDRA	2	5	3	10	2	5	3	10
12	5252067	CHAHANDE PRACHEE PRAKASH	2	5	3	10	2	5	3	10
13	5252068	CHALAKH GANGADHAR PRABHAKAR	2	4	3	9	2	4	3	9
14	5252071	CHIMALWAR SAKSHI DINESH	2	5	3	10	2	5	3	10
15	5252072	CHIMANKAR DIVYAJYOTI ANMOL	2	5	3	10	2	5	3	10
16	5252073	CHINCHEKAR MAYUR GHANSHAM	2	5	3	10	2	5	3	10
17	5252074	DAHALKAR RAKHI MORESHWAR	2	5	3	10	2	5	3	10
18	5252075	DAHELKAR ANIKET VIJAY	2	4	3	9	2	4	3	9
19	5252080	DEVIKAR KOMAL VILASRAO	2	5	3	10	2	4	3	9
20	5252081	DHOMANE LOKESH RAJENDRA	2	4	3	9	2	5	3	10
21	5252082	DHONGE SONALI TULSHIDAS	2	5	3	10	2	5	3	10
22	5252083	DHORE AVINASH JAYPAL	2	5	3	10	2	5	3	10
23	5252086	DOMALE SHWETA DILIP	2	5	3	10	2	5	3	10
24	5252087	DUDHE PRANJALI BHIMRAO	2	4	3	9	2	5	3	10
25	5252089	FULZELE SIDDHANT RAJKUMAR	2	5	3	10	2	5	3	10
26	5252090	FULZELE UMESH DASHRATH	2	4	2	8	2	4	2	8
27	5252094	GAOTURE MOHIT NAMDEO	2	5	3	10	2	5	3	10
28	5252095	GAUTRE SHIVAM VIJAY	2	5	3	10	2	4	3	9

Off. Principal
 Nevjabai Hitkarini College
 Bramhapuri, Distt. Chandrapur



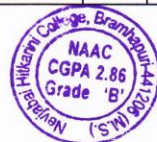
R. Shyam
 Department of Physics
 Nevjabai Hitkarini College
 Bramhapuri - 441206

GONDWANA UNIVERSITY GADCHIROLI
INTERNAL ASSESSMENT MARKS SUMMER- 2023 (SEM - II)
SUBJECT :- PHYSICS

Name of College :- Nevjabai Hitkarini College, Bramhapuri

Sr. No.	Roll No.	Name of Students	Assingnemen t (2)	Class Test (5)	Active Participat ion in Seminar /Attendan ce (3)	Total Marks Paper- I	Assingnemen t (2)	Class Test (5)	Active Participat ion in Seminar /Attendan ce (3)	Total Marks Paper- II
1	5580634	ANAWALE GAURI NANDKUMAR	2	5	3	10	2	5	3	10
2	5580636	BAGMARE CHANDANI NANAJI	2	5	3	10	2	5	3	10
3	5580638	BANKAR AACHAL RAVINDRA	2	5	3	10	2	5	3	10
4	5580639	BANKAR MILAN SHAMARAO	2	5	3	10	2	5	3	10
5	5580643	BARDE RANI ARUN	2	5	3	10	2	5	3	10
6	5580644	BAREKAR SAGAR RUSHI	2	5	3	10	2	4	3	9
7	5580645	BAWANE RAKHI VILAS	2	5	3	10	2	5	3	10
8	5580646	BHAISARE VAIBHAV JIVAN	2	4	3	9	2	5	3	10
9	5580651	BHOYAR SAYALI DNYANESHWAR	2	5	3	10	2	5	3	10
10	580652	BILGAYYA EKTA SANTOSH	2	5	3	10	2	4	3	9
11	5580653	BODALKAR ROHIT SANJAY	2	5	3	10	2	5	3	10
12	5580654	BODELE HIMANI BHAGWAN	2	4	3	9	2	4	3	9
13	5580656	BOKADE MEGHA BHASKAR	2	5	3	10	2	5	3	10
14	5580658	BORKUTE GANESH SURENDRA	2	5	3	10	2	5	3	10
15	5580660	CHANNE PRANALI SUNIL	2	4	3	9	2	4	3	9
16	5580662	CHAUKE AISHWARYALAXMI DILIP	2	4	3	9	2	5	3	10
17	5580663	CHINCHEKAR KALYANI SANJAY	2	5	3	10	2	5	3	10
18	5580664	DAHIWALE ANIKET SHISHUPAL	2	4	3	9	2	5	3	10
19	5580666	DANGE ASHWINI AMBADAS	2	5	3	10	2	5	3	10
20	5580667	DANGE NIKHITA BHASKAR	2	5	3	10	2	5	3	10
21	5580669	DARVE PRADIP MADAN	2	4	3	9	2	4	3	9
22	5580670	DEO MILIND ABHAY	2	5	3	10	2	5	3	10
23	5580672	DESHMUKH YOGIRAJ SANJAY	2	4	3	9	2	4	3	9
24	5580673	DEWAIKAR PRANOTI CHANDRASHEKHAR	2	5	3	10	2	5	3	10
25	5580674	DHABEKAR SHANTANU SURESH	2	5	3	10	2	5	3	10
26	5580675	DHAKATE DIPTI NANDKISHOR	2	5	3	10	2	5	3	10
27	5580677	DHONGE ANIKET UTTAM	2	4	3	9	2	4	3	9

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur



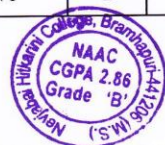
Head
Department of Physics
Nevjabai Hitkarini College
Bramhapuri-441208

GONDWANA UNIVERSITY GADCHIROLI
INTERNAL ASSESSMENT MARKS SUMMER- 2023 (SEM - IV)
SUBJECT :- PHYSICS

Name of College :- Nevjabai Hitkarini College, Bramhapuri

Sr. No.	Roll No.	Name of Students	Assingment (2)	Class Test (5)	Active Participati on in Seminar /Attendanc e (3)	Total Marks Paper- I	Assingment (2)	Class Test (5)	Active Participati on in Seminar /Attendanc e (3)	Total Marks Paper- II
1	5600122	ALONE SUHAS SURENDRA	2	5	3	10	2	4	3	9
2	5600124	AMBORKAR DIGVIJAY SHIVRAM	2	5	3	10	2	5	3	10
3	5600125	BADAN HEMA KAILAS	2	5	3	10	2	5	3	10
4	5600126	BAGADE SHREYASH PYARELAL	2	4	3	9	2	4	2	8
5	5600128	BANSOD SIMRAN PURUSHOTTAM	2	5	3	10	2	5	3	10
6	5600131	BHAJBHUJE VIJAY SHANKAR	2	5	3	10	2	5	3	10
7	5600132	BHANARKAR NANDINI AVINASH	2	5	3	10	2	5	3	10
8	5600134	BHARRE NIKITA RAJU	2	5	3	10	2	4	3	9
9	5600135	BORKAR AAKANSHA DIGESHWAR	2	5	3	10	2	5	3	10
10	5600136	BORKAR SALONI GULAB	2	5	3	10	2	5	3	10
11	5600141	CHUDHARI PRANIT RAVINDRA	2	5	3	10	2	4	3	9
12	5600142	DADMAL YOGESH VIJAY	2	3	2	7	2	3	2	7
13	5600143	DAHULE MAHESHWARI MANOHAR	2	5	3	10	2	5	3	10
14	5600145	DHONGE REVAN SUDHAKAR	2	5	3	10	2	5	3	10
15	5600147	DHORE MINAKSHI SANJAY	2	5	3	10	2	5	3	10
16	5600148	DHORE PRATIKSHA NARENDRA	2	5	3	10	2	5	3	10
17	5600150	DHOTE PRATIK PRAKASH	2	5	3	10	2	4	3	9
18	5600152	DHURVE HRUSHIKET LALSU	2	5	3	10	2	4	3	9
19	5600153	DOIJAD KHUSHI SANJAY	2	5	3	10	2	4	3	9
20	5600155	DONGARE PIYANSHU NARENDRA	2	5	3	10	2	4	3	9
21	5600158	GADE VAISHNAVI SURESH	2	4	3	9	2	5	3	10
22	5600162	GIRADKAR ANIKET MANOHAR	2	5	3	10	2	4	3	9
23	5600166	IKHAR PUJA BHAGWAN	2	5	3	10	2	5	3	10
24	5600169	JIWATODE SHITAL MOHAN	2	5	3	10	2	5	3	10
25	5600171	KAMATWAR NISHIKA SHASHIKANT	2	5	3	10	2	5	3	10
26	5600173	KANADE SHITAL RAMDAS	2	5	3	10	2	5	3	10
27	5600175	KAWLE SHRADDHA VIJAY	2	5	3	10	2	4	3	9
28	5600178	KHARKATE SOHAM YASHWANT	2	5	3	10	2	5	3	10

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur



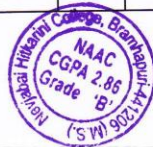
Head
Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441102

GONDWANA UNIVERSITY GADCHIROLI
INTERNAL ASSESSMENT MARKS SUMMER- 2023 (SEM - VI)
SUBJECT :- PHYSICS

Name of College :- Nevjabai Hitkarini College, Bramhapuri

Sr. No.	Roll No.	Name of Students	Assing nement (2)	Class Test (5)	Active Participati on in Seminar /Attendanc e (3)	Total Marks Paper- I	Assing nement (2)	Class Test (5)	Active Participati on in Seminar /Attendanc e (3)	Total Marks Paper- II
1	5621245	AMBONE MITALI BHAGWAN	2	5	3	10	2	5	3	10
2	5621246	AREKAR PRIYA PRAKASH	2	5	3	10	2	5	3	10
3	5621248	BANGARE PRAVIN PRAMOD	2	5	3	10	2	5	3	10
4	5621251	BEHARE MANASI JITENDRA	2	5	3	10	2	5	3	10
5	5621253	BHARDWAR LUKESH MANIK	2	4	3	9	2	4	3	9
6	5621254	BODDAWAR OM SUBHASH	2	5	3	10	2	5	3	10
7	5621256	BORKAR PAYAL VINAYAK	2	5	3	10	2	5	3	10
8	5621258	CHAHANDE PRACHEE PRAKASH	2	5	3	10	2	5	3	10
9	5621261	CHIMALWAR SAKSHI DINESH	2	5	3	10	2	5	3	10
10	5621262	CHIMANKAR DIVYAJYOTI ANMOL	2	5	3	10	2	5	3	10
11	5621263	CHINCHEKAR MAYUR GHANSHAM	2	5	3	10	2	4	3	9
12	5621264	DAHALKAR RAKHI MORESHWAR	2	5	3	10	2	5	3	10
13	5621265	DAHELKAR ANIKET VIJAY	2	5	3	10	2	5	3	10
14	5621270	DEVIKAR KOMAL VILASRAO	2	5	3	10	2	5	3	10
15	5621271	DHOMANE LOKESH RAJENDRA	2	4	3	9	2	5	3	10
16	5621272	DHONGE SONALI TULSHIDAS	2	5	3	10	2	5	3	10
17	5621274	DOMALE SHWETA DILIP	2	5	3	10	2	5	3	10
18	5621275	DUDHE PRANJALI BHIMRAO	2	5	3	10	2	5	3	10
19	5621277	FULZELE SIDDHANT RAJKUMAR	2	5	3	10	2	5	3	10
20	5621280	GAOTURE MOHIT NAMDEO	2	5	3	10	2	5	3	10
21	5621281	GAUTRE SHIVAM VIJAY	2	5	3	10	2	5	3	10
22	5621282	GAWAL DARSHANA HANAJI	2	4	3	9	2	4	3	9
23	5621284	GHUTAKE LINA RAVINDRA	2	5	3	10	2	5	3	10
24	5621288	HUMANE SWATI MANOJ	2	5	3	10	2	5	3	10
25	5621290	ISALWAR KHUSHI SHRIKANT	2	5	3	10	2	5	3	10
26	5621292	JAWANJAL SHRUTI GAJENDRA	2	5	3	10	2	5	3	10
27	5621300	KHOBRADE VIVIDH NARENDRA	2	4	3	9	2	4	3	9
28	5621304	KOTRANGE SHANKAR MANOHAR	2	5	3	10	2	5	3	10

Off. Principal
Nevjabai Hitkarini College
 Bramhapuri, Dist. Chandrapur



[Signature]
 Head
 Department of Physics
 Nevjabai Hitkarini College
 Bramhapuri - 441208

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Session - 2022-23

Internal Evaluation Mechanism

Department of Electronics follows the internal evaluation scheme for B.Sc. Electronics (CBCS Pattern) as per direction of Board of Studies, Electronics, Gondwana University, Gadchiroli.

Internal Continuous evaluation is made through Group Discussion, Unit Tests, assignment submission, Field Visits / Field Work and seminar presentations. It is mentioned in the Gondwana University Syllabus.

Theory Internal Assessment (20 marks)

Sr.No.	Internal Assessment	P-I	P-II	T (20)
01	Assignment	02	02	04
02	Class test	05	05	10
03	Active participation in routine class activities / seminars etc.	03	03	06
	Total	10	10	20

PRACTICALS (Conducted by internal examiner) (USELP01)

It is divided into two sections i.e. Section-A and Section-B. At least five experiments from each section must be performed and the practical record book duly signed should be submitted at the time of examination. Each student is expected to perform one experiment from each section, in the University Examination. The duration of practical examination is six hours.

Marks Distribution:

	Record	Experiment	Viva	Total
Section – A	3	9	3	15
Section – B	3	9	3	15
			Total	30

Section A: List of Experiments:

1. Measurement of Amplitude, Frequency & Phase difference using Oscilloscope.
2. Verification of Thevenin's theorem.
3. Verification of Superposition Theorem.
4. Verification of the Maximum Power Transfer Theorem.
5. Study of basic logic gates.
6. Study of NAND gate as a universal gate.
7. Study of NOR gate as a universal gate.
8. Study of Ex – OR gate.
9. Study of Ex – NOR gate.
10. Verification of truth table for given Boolean expression.
11. Study of Demorgan's theorems.

Sr.No.	Internal Assessment	P-I	P-II	T (20)
01	Assignment	02	02	04
02	Class test	05	05	10
03	Active participation in routine class activities / seminars etc.	03	03	06
	Total	10	10	20

PRACTICALS (conducted by internal and external examiners) (USELP02):

It is divided into two sections i.e. Section-A and Section-B. At least five experiments from each section must be performed and the practical record book duly signed should be submitted at the time of examination. Each student is expected to perform one experiment from each section, in the University Examination. The duration of practical examination is six hours.

Marks Distribution:

	Record	Experiment	Viva	Total
Section – A	3	9	3	15
Section – B	3	9	3	15
			Total	30

Section-A: List of Experiments:

1. Study of the output and transfer I-V characteristics of common source JFET.
2. Study of the I-V Characteristics of UJT.
3. Study of the RC Phase Shift Oscillator.
4. Study of RC coupled amplifier (frequency response).
5. Study of the Colpitt's Oscillator.
6. Study of an inverting amplifier using Op-amp (741) for dc voltage.
7. Study of non-inverting amplifier using Op-amp (741) for dc voltage.
8. Study of adder using Op-amp (for dc).
9. Study of subtractor using Op-amp (for dc).
10. Study of an op-amp as an Integrator.
11. Study of op-amp as differentiator
12. Study of zero-crossing detector and comparator using op-amp.

Section-B: List of Experiments:

Theory Internal Assessment (20 marks)

Sr. No.	Internal Assessment	P – I	P – II	T (20)
01	Assignment	02	02	04
02	Class Test	05	05	10
03	Adaptive Participation in routine class activities / seminars etc.	03	03	06
	Total	10	10	20

Note: An Industrial visit / Study tour should be arranged for the student after semester-III.

PRACTICALS (Conducted by internal examiner) (USELP03)

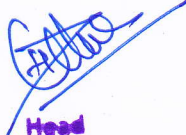
It is divided into two sections i.e. Section-A and Section-B. At least five experiments from each section must be performed and the practical record book duly signed should be submitted at the time of examination. Each student is expected to perform one experiment from each section, in the University Examination. The duration of practical examination is six hours.

Mark Distribution :

	Record	Experiment	Viva	Total
Section – A	3	9	3	15
Section – B	3	9	3	15
			Total	30

List of Experiments:**Section A**

1. Study of Transformer couple Class A Amplifier.
2. Study of Push-Pull Amplifier.
3. Study of Unregulated Power Supply.
4. Study of Transistor Series Pass Regulator
5. Study of Zener Diode as a Voltage Regulator


Head
Department of Electronics
M. H. College, Bramhapuri
Dist. Chandrapur

driven data transfer, DMA data transfer scheme: burst mode & cycle stealing mode and their limitations.

12 L

UNIT-II:

Interfacing devices: Introduction, Programmable Peripheral Interface (PPI) Intel 8255: Block diagram with discussion on each block, operating modes of 8255, Control Groups and Control Word, I/O Ports, Programmable Counter/Interval Timer Intel 8253: Schematic Diagram, Read/Write Logic, Control Word, Operation (Mode 0-Mode 5). Programmable DMA Controller, Intel 8257: Schematic Diagram, I/O signals. BSR (Bit Set/Reset) Mode.

12L

Unit III:

8051 microcontroller: Introduction and block diagram of 8051 microcontroller, architecture of 8051, overview of 8051 family, 8051 assembly language programming, Program Counter and ROM memory map, Data types and directives, Flag bits and Program Status Word (PSW) register, Jump, loop and call instructions.

12 L

Unit IV:

8051 I/O port programming: Introduction of I/O port programming, pin out diagram of 8051 microcontroller, I/O port pins description & their functions, I/O port programming in 8051 (using assembly language), I/O programming: Bit manipulation.

8051 Programming: 8051 addressing modes and accessing memory locations using various addressing modes, assembly language instructions using each addressing mode, arithmetic and logic instructions.


12 L

Ref. Books:

1. Fundamentals of Microprocessor and Microcontrollers by B. Ram,
2. Microprocessor, Architecture, Programming, and Applications with 8085 by Ramesh S. Gaonkar,
3. Microprocessors and Interfacing by Douglas V. Hall,
4. Digital circuits and microprocessors by Taub.
5. Introduction to microprocessor by A P Mathur.
6. Microprocessors and Interfacing techniques Rodney Zaks and Austin Lesea (BPB).
7. Microprocessor, Principles and Applications by Ajit Pal.
8. Microprocessors by K. M. Hebber and K.C. Shet.

Theory Internal Assessment (20 marks)

Sr. No.	Internal Assessment	P – I	P – II	T (20)
01	Assignment	02	02	04
02	Class Test	05	05	10
03	Adaptive Participation in routine class activities / seminars etc.	03	03	06
	Total	10	10	20


 Head
 Department of Electronics
 M. H. College, Bramhapuri
 Dist. Chandrapur

Theory Internal Assessment (20 marks)

Sr. No.	Internal Assessment	P – I	P – II	T (20)
01	Assignment	02	02	04
02	Class Test	05	05	10
03	Adaptive Participation in routine class activities / seminars etc.	03	03	06
	Total	10	10	20

Note: An Industrial visit / Study tour should be arranged for the student after semester-III.

PRACTICALS (Conducted by internal examiner) (USELP03)

It is divided into two sections i.e. Section-A and Section-B. At least five experiments from each section must be performed and the practical record book duly signed should be submitted at the time of examination. Each student is expected to perform one experiment from each section, in the University Examination. The duration of practical examination is six hours.

Mark Distribution :

	Record	Experiment	Viva	Total
Section – A	3	9	3	15
Section – B	3	9	3	15
			Total	30

List of Experiments:**Section A : Compulsory - Electronic Instrumentation**

1. Study of Series type Ohmmeter
2. Study of Shunt type Ohmmeter
3. Study of DC multirange Ammeter.
4. Study of DC multirange Voltmeter.
5. Study of loading effect in Voltmeter (DC only).
6. Study of Schering Bridge.
7. Study of Owen's bridge.
8. Study/Use of CRO for measurement of voltage and frequency.
9. Study/Use of CRO for determination of frequency and phase.
10. To determine the Characteristics of LVDT.
11. To determine the Characteristics of Thermistors and RTD.
12. Measurement of temperature by Thermocouples.

Section-B: Elective-I - C-programming I

1. At least 2 programs based on C-operators and expressions.
2. At least 2 programs on Input / Output.
3. At least 2 programs on decision making and branching using if, if-else, switch statements.

Theory Internal Assessment (20 marks)

Sr. No.	Internal Assessment	P – I	P – II	T (20)
01	Assignment	02	02	04
02	Class Test	05	05	10
03	Adaptive Participation in routine class activities / seminars etc.	03	03	06
	Total	10	10	20

PRACTICALS (Conducted by internal examiner) (USELP04)

It is divided into two sections i.e. Section-A and Section-B. At least five experiments from each section must be performed and the practical record book duly signed should be submitted at the time of examination. Each student is expected to perform one experiment from each section, in the University Examination. The duration of practical examination is six hours.

Mark Distribution :

	Record	Experiment	Viva	Total
Section – A	3	9	3	15
Section – B	3	9	3	15
		Total	30	

List of Experiments:

Section A (Compulsory) : Photonic Devices and Power Electronics

1. To determine characteristics of (a) LEDs, (b) Photo voltaic cell and (c) Photo diode.
2. To study the Characteristics of LDR and Photodiode with (i) Variable Illumination intensity, and (ii) Linear Displacement of source.
3. Output and transfer characteristics of a power MOSFET.
4. Study of I-V characteristics of SCR
5. SCR as a half wave and full wave rectifiers with R and RL loads.
6. AC voltage controller using TRIAC with UJT triggering.
7. Study of I-V characteristics of DIAC
8. Study of I-V characteristics of TRIAC


Head

Department of Electronics,
M. H. College, Bramhapuri,
Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Gondwana University Practical Examination & Internal Assessment WIN 2022

CLASS: B.Sc. - I SEM I (CBCS) Electronics

Date : 02 DEC. 2022

S.N.	NAME OF STUDENT	Roll No.	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
			Assign ment (02)	Class test (05)	Participa tion/Semi nar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	AMBADE ADITYA NARENDRA	5224919	2	5	3	10	2	4	3	9	6	5	8	8	27	
2	BANKAR NANDINI JAGDISH	5224928	2	3	3	8	2	4	3	9	5	4	6	7	22	
3	BAREKAR SAGAR RUSHI	5224934	2	4	3	9	2	4	3	9	6	5	6	7	24	
4	BAWANE RAKHI VILAS	5224935	2	4	3	9	2	4	3	9	6	5	8	8	27	
5	BOKADE MEGHA BHASKAR	5224948	2	5	3	10	2	4	3	9	6	5	9	9	29	
6	DANGE NIKHITA BHASKAR	5224963	2	5	3	10	2	5	3	10	6	5	9	9	29	
7	DANGI DEEPAK MITHULAL	5224965	2	3	3	8	2	3	3	8	5	5	6	6	22	
8	DEO MILIND ABHAY	5224967	2	5	3	10	2	5	3	10	6	6	9	9	30	
9	DESHMUKH YOGIRAJ SANJAY	5224969	2	4	3	9	2	5	3	10	6	4	7	7	24	
10	DHONGE ANIKET UTTAM	5224974	2	5	3	10	2	4	3	9	6	5	9	7	27	
11	KODAPE GOVINDA BRAMHADAS	5225004	2	4	2	8	2	4	3	9	5	4	8	6	23	
12	KUTHE KAVISH MOHAN	5225013	2	4	3	9	2	4	2	8	6	5	8	8	27	
13	LADKE ANISHA SURESH	5225014	2	5	3	10	2	4	3	9	6	5	9	8	28	
14	MADAVI MUKESH KRUSHNA	5225018	2	4	3	8	2	4	3	9	6	5	9	8	28	
15	MUKHARJEE NILESH NARAYAN	5225042	2	5	3	10	2	4	3	9	6	5	9	8	28	
16	SHENDE SAHIL BHOJRAJ	5225073	2	4	2	8	2	3	3	8	6	4	6	6	22	
17	SHIVARKAR TANMAY DADAJI	5225076	2	4	3	9	2	3	3	8	6	4	6	7	23	
18	SURYAWANSHI KAJAL AMRUT	5225081	2	5	3	10	2	5	3	10	6	5	8	8	27	
19	WALADE KUNAL KAILAS	5225107	2	4	3	8	2	3	3	8	6	5	8	8	27	

Raut

Internal Examiner

Raut

Head & Principal
Department of Electronics
N. H. College,
Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Gondwana University Practical Examination & Internal Assessment WIN 2022

CLASS: B.Sc.-II SEM III (CBCS) Electronics

Date : 01 DEC. 2022

S.N.	NAME OF STUDENT	Roll No.	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
			Assign ment (02)	Class test (05)	Participati on/Semin ar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	GEDAM BHUMIKA RUPESH	5236916	2	3	3	8	2	4	3	9	6	4	6	7	23	
2	KAMATWAR NISHIKA SHASHIKANT	5236929	2	4	2	8	2	4	3	9	6	4	7	7	24	
3	KORDE JAY SANJAY	5236940	2	5	3	10	2	5	3	10	6	6	8	8	28	
4	MULE PALLAVI RAJU	5236969	2	5	3	10	2	4	3	9	6	5	8	8	27	
5	NIKODE VRUTIK ANANT	5236979	2	4	3	9	2	4	3	9	6	5	7	7	25	
6	SARAF RUTIK DNYANESHWAR	5237013	2	4	3	9	2	5	2	9	5	4	7	7	23	

[Signature]

Internal Examiner

[Signature]

Head & Principal
Department of Electronics
N. H. College, Bramhapuri
Dist. Chandradpur

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Gondwana University Practical Examination & Internal Assessment WIN 2022

CLASS: B.Sc. - III SEM V (CBCS) Electronics

Date : 03 DEC. 2022

S.N.	NAME OF STUDENT	Roll No.	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
			Assign ment (02)	Class test (05)	Participa tion/Semi nar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	BHUSARI MANTESH MANOHAR	5252060	2	3	3	8	2	3	3	8	5	4	8	6	23	
2	DAHELKAR ANIKET VIJAY	5252075	2	3	3	8	2	3	3	8	6	5	9	7	27	
3	GAUTRE SHIVAM VIJAY	5252095	2	5	3	10	2	5	3	10	6	6	9	9	30	
4	MESHARAM PRADNYA DEVENDRA	5252149	2	5	3	10	2	5	3	10	6	6	9	9	30	
5	REWADE PRATIKSHA BHAGWAN	5252176	2	5	3	10	2	5	3	10	6	5	8	9	28	
6	SURYWANSHI ROHIT AMRUT	5252194	2	4	3	9	2	5	3	10	6	6	9	9	30	
7	TARARE PUJA RAJENDRA	5252198	2	5	3	10	2	5	3	10	6	6	9	9	30	

Rauf
Internal Examiner

Head
Department of Electronics
H. Department of Electronics
Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Gondwana University Practical Examination & Internal Assessment SUM 2023

CLASS: B.Sc. - I SEM II (CBCS) Electronics

Date : 30/05/2023

Time : 08 : 00 AM

S.N.	NAME OF STUDENT	Roll No.	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
			Assign ment (02)	Class test (05)	Participa tion/Semi nar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	BAREKAR SAGAR RUSHI	5580644	2	4	3	9	2	5	3	10	6	5	8	8	27	
2	BAWANE RAKHI VILAS	5580645	2	4	3	9	2	4	3	9	6	5	8	9	28	
3	BOKADE MEGHA BHASKAR	5580656	2	5	3	10	2	5	3	10	6	6	9	9	30	
4	DANGE NIKHITA BHASKAR	5580667	2	5	3	10	2	5	3	10	6	6	9	9	30	
5	DEO MILIND ABHAY	5580670	2	5	3	10	2	5	3	10	6	6	9	9	30	
6	DESHMUKH YOGIRAJ SANJAY	5580672	2	4	3	9	2	5	3	10	4	4	8	8	24	
7	DHONGE ANIKET UTTAM	5580677	2	4	3	9	2	4	3	9	5	5	8	8	26	
8	KODAPE GOVINDA BRAMHADAS	5580704	2	3	3	8	2	4	3	9	4	4	8	8	24	
9	KUTHE KAVISH MOHAN	5580708	2	3	3	8	2	4	3	9	5	4	8	8	25	
10	LADKE ANISHA SURESH	5580709	2	5	3	10	2	5	3	10	6	6	9	9	30	
11	MADAVI MUKESH KRUSHNA	5580713	2	3	2	7	2	4	2	8	5	4	8	8	25	
12	MUKHARJEE NILESH NARAYAN	5580731	2	5	3	10	2	5	3	10	6	6	9	9	30	
13	SHIVARKAR TANMAY DADAJI	5580758	2	3	2	7	2	4	2	8	5	5	8	8	26	
14	SURYAWANSHI KAJAL AMRUT	5580762	2	5	3	10	2	5	3	10	6	6	9	9	30	

Rony
Internal Examiner

R. D. Wakooliker

Head
Department of Electronics
N. H. College, Bramhapuri
Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Gondwana University Practical Examination & Internal Assessment SUM 2023

CLASS: B.Sc. - II SEM IV (CBCS) Electronics


Date : 29/05/2023

Time : 09 : 00 AM

S.N.	NAME OF STUDENT	Roll No.	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Examin				Remark	
			Assign ment (02)	Class test (05)	Participa tion/Semi nar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	KAMATWAR NISHIKA SHASHIKANT	5600171	2	4	2	8	2	4	2	8	5	4	8	7	24	
2	KORDE JAY SANJAY	5600182	2	5	3	10	2	5	3	10	6	4	9	9	28	
3	MULE PALLAVI RAJU	5600207	2	5	2	9	2	5	2	9	6	5	8	8	27	
4	NIKODE VRUTIK ANANT	5600216	2	5	2	9	2	4	3	9	6	5	8	8	27	
5	SARAF RUTIK DNYANESHWAR	5600243	2	4	2	8	2	4	2	8	5	4	8	8	25	


Internal Examiner

R. D. Wakodikar


Head
Department of Electronics
Department of Electronics
N. H. College, Bramhapuri
Dist. Chandrabur

Nevjabai Hitkarini College, Bramhapuri

Department of Electronics

Gondwana University Practical Examination & Internal Assessment SUM 2023

CLASS: B.Sc. - III SEM VI (CBCS) Electronics

Time : 08: 00 AM

Date : 28/05/2023

S.N.	NAME OF STUDENT	Roll No.	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
			Assign ment (02)	Class test (05)	Participati on/Semina r (03)	Total (10)	Attend ance (02)	Class Test (05)	Participati on/Semina r (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	DAHELKAR ANIKET VIJAY	5621265	2	4	2	8	2	4	3	9	5	4	8	7	24	
2	GAUTRE SHIVAM VIJAY	5621281	2	4	3	9	2	5	2	9	6	4	8	8	26	
3	MESHARAM PRADNYA DEVENDRA	5621327	2	4	3	9	2	5	3	10	6	5	9	8	28	
4	REWADE PRATIKSHA BHAGWAN	5621351	2	5	3	10	2	5	2	9	6	6	8	9	29	
5	SURYWANSHI ROHIT AMRUT	5621368	2	4	3	9	2	5	3	10	5	6	8	8	27	
6	TARARE PUJA RAJENDRA	5621370	2	5	3	10	2	5	3	10	6	6	9	9	30	

Rout
Internal Examiner

R. D. Wakodikar

[Signature]
Head
Department of Electronics
Department of Electronics
Dist. Chandrapur

College Attendance Register

Neyyabai Hikalini College, Bramhapuri

13. Sc. II Sem IV

Session: 2022-23

Tah. Bramhapuri Dist. Chandrapur Month _____

20 - 20

Serial No.	Admn. R. No.	Full Name and Surname of the Student	Mothers Name	Caste	Admission Date	Date of Birth	Daily Attendance				Pr days of Month	P days after Annu Exam	Total Present days	Term Fee	Other Fee	Signature
							1	2	3	4						
1		Jay S. Korde					P	P	P	P	8/3/23					
2		Rutik Serraf					P	P	P	P	9/3/23					
3		Narvik A. Nikode					P	P	P	P	9/3/23					
4		Malvina T. Chaudhari					P	P	P	P	21/3/23					
5		Pallavi Mude					P	P	P	P	23/3/23					
6		Nishalee Kamathurik					P	P	P	P	23/3/23					
7		Bhumika Gedam					P	P	P	P	23/3/23					
8							P	P	P	P	28/3/23					
							P	P	P	P	29/3/23					
							P	P	P	P	30/3/23					
							P	P	P	P	31/3/23					
							P	P	P	P	1/4/23					
							P	P	P	P	2/4/23					
							P	P	P	P	3/4/23					
							P	P	P	P	4/4/23					
							P	P	P	P	5/4/23					
							P	P	P	P	6/4/23					
							P	P	P	P	7/4/23					
							P	P	P	P	8/4/23					
							P	P	P	P	9/4/23					
							P	P	P	P	10/4/23					
							P	P	P	P	11/4/23					
							P	P	P	P	12/4/23					
							P	P	P	P	13/4/23					
							P	P	P	P	14/4/23					
							P	P	P	P	15/4/23					
							P	P	P	P	16/4/23					
							P	P	P	P	17/4/23					
							P	P	P	P	18/4/23					
							P	P	P	P	19/4/23					
							P	P	P	P	20/4/23					
							P	P	P	P	21/4/23					
							P	P	P	P	22/4/23					
							P	P	P	P	23/4/23					
							P	P	P	P	24/4/23					
							P	P	P	P	25/4/23					
							P	P	P	P	26/4/23					
							P	P	P	P	27/4/23					
							P	P	P	P	28/4/23					
							P	P	P	P	29/4/23					
							P	P	P	P	30/4/23					
							P	P	P	P	31/4/23					

Laboratory Certificate

Name of the Institution N. H. college Bramhapuri.
This is to Certify that Smt./Sri. puja Rajendra Tarasare.
has satisfactorily completed the course experiments in practical
Electronics prescribed by
Gondwana. University/Board for
B.Sc. V sem (III year). course in the
Laboratory of this School/College in the year 2022 to 2023

Date : First Session
Second Session

1) Prady
26/11/22
2)

Seal and Signature of
Head of Department

Head of the Department Electronics
Name of the Candidate puja Rajendra Tarasare.
Class B.Sc V sem Section
Reg. No. Batch PE1
Examination Centre
Date of Practical Examination

Sr. No.	Name of Experiment	Date	Page	Remarks	Teachers's Signature
<u>Part - A</u>					
①	Study of DC voltmeter.	7-10-22	1 to 4		
②	Study of series type ohmmeter.	7-10-22	5 to 7		
③	Study of shunt type ohmmeter.	11-10-22	8-10		
④	Study of DC Ammeter.	14-10-22	11 to 13		
⑤	Measurement of AC voltage and frequency using CRO.	21-11-22	14-16		
<u>Part - B</u>					
①	Study of Arithmetic operators.	30-9-22	17-18		
②	Study of logical operators	13-10-22	19-20		
③	Study of increment and decsement operators.	14-10-22	21-		
④	Study of the if...else statement.	22-10-22	22-23		
⑤	Study of nested if.....else statement.	22-11-22	24-25		

Pass
26/11/22

Laboratory Certificate

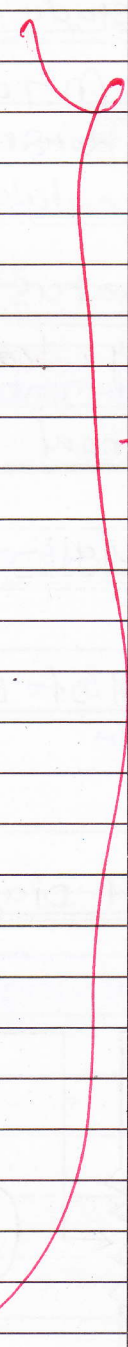
Name of the Institution N. H. College Bramhapuri.
This is to Certify that Smt./Sri Puja Rajendra Tarase
has satisfactorily completed the course experiments in practical
Electronics prescribed by
Gondwana University/Board for
B.Sc. III (Sem VI) course in the
Laboratory of this School/College in the year 20 22 to 20 23

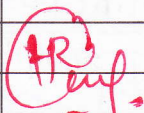
First Session
Date : Second Session

1) IPJL
28/04/23
2)

Seal and Signature of
Head of Department

Head of the Department
Name of the Candidate Puja Rajendra Tarase.
Class B.Sc. III (Sem VI) Section
Reg. No. Batch BEI
Examination Centre
Date of Practical Examination

Sr. No.	Name of Experiment	Date	Page	Remarks	Teachers's Signature
Group - A					
A1)	The Study of LED	14-02-23	1-3		
A2)	The Study of LDR	22-3-23	4-5		
A3)	The Study of DIAC		6-8		
A4)	The Study of SCR	10-04-23	9-11		
A5)	The Study of TRIAC	10-4-23	12-14		
Group - B					
B1)	Write a program using a one-dimensional Arrays X to read the value & compute the sum of their square study of reverse Integer.	14-03 2023	15-16		
B2)	Write a program in 'c' to find the Reverse of any Given Integer. study of globe variables;	24-03 2023	17-18		
B3)	To Study a multiplication program to illustrate the properties of Global variable.	06-04 2023	19-20		
B4)	TO Study of Recursion	10-04 2023	21		
B5)	TO study of pointer.	10-04 2023	22-23		
B6)	TO study of Arrays of structure.	11-04 2023	24-25		


 HR
 18/04/23

Nevjabai Hitkarini College , Bramhapuri

Department of Electronics

2nd UNIT TEST (2022-23)

Class : B.Sc. I Year , Sem II

Paper I: Unipolar Devices And Linear Integrated Circuits

Date: 08/04/2023

Que. A) Attempt Any Three.

(Each Que. 5 marks)

1. Draw the diagram of Difference Amplifier and explain its construction & working.
2. Explain the need of two power supplies in difference amplifier.
3. What is Operational Amplifier? Give the Advantages of Operational Amplifier.
4. Explain the Any Four Parameter of Op-Amp
5. Draw & Explain the Block Diagram of Operation Amplifier.

Que. B) Attempt Any Five.

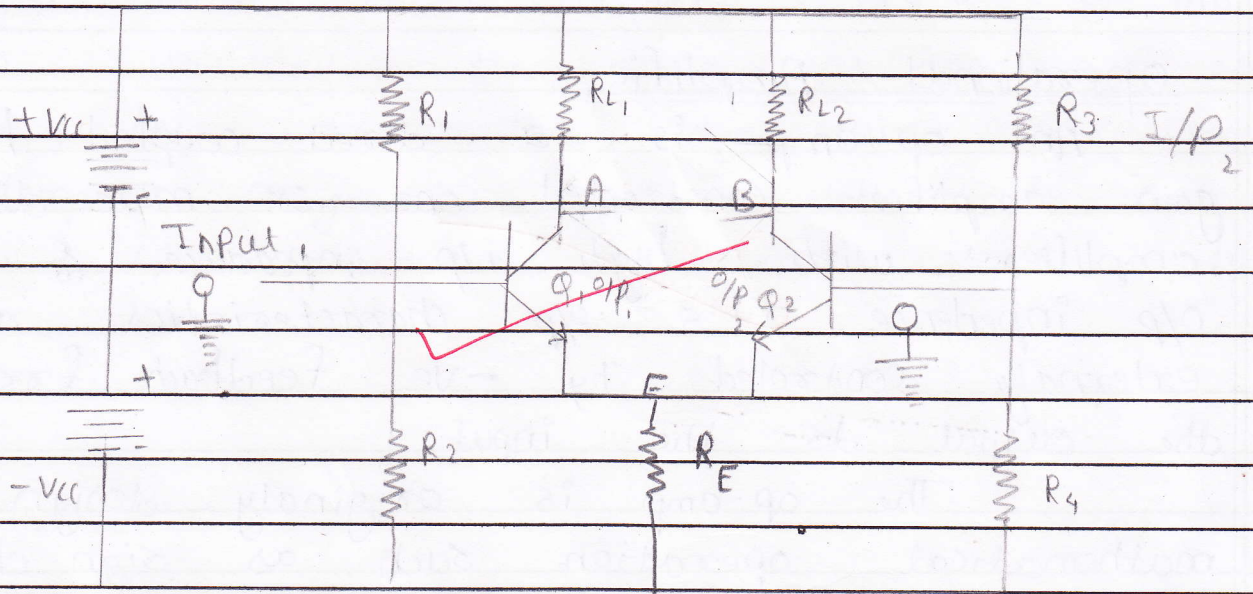
(Each Que. 1 marks)

1. What is the Difference between Single Ended & Double Ended Output?
2. Give the Advantages of Difference Amplifier.
3. Give the characteristics of Ideal Op-Amp.
4. What is the CMRR?
5. Draw the Symbol of Operational Amplifier.
6. What is function of Emitter Follower in OP-Amp?

Advantages

- i) Gain of op-amp is very high at very low frequency as well as high frequency.
- ii) Input impedance is high and ac signal and dc signal.
- iii) Drift is very small.
- iv) o/p is change is w.r. to age of tem.
- v)

1. Draw the diagram of Difference Amplifier and explain its construction & Working.

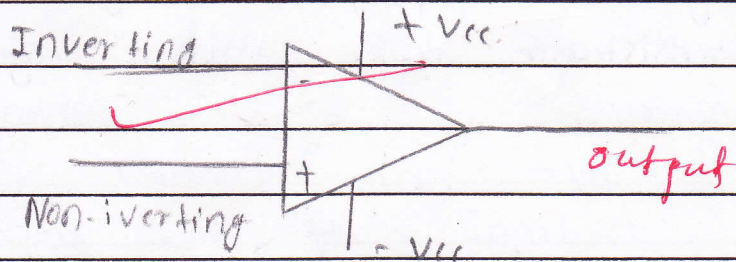


The op-amp is direct coupled amplifier. It is two input terminal and two output terminal and connected the two dc power supply of

Q. 8) Characteristics of Ideal op-amp.

- 1) open loop gain is infinite.
- 2) Input Impedance is infinite.
- 3) output Impedance is zero.
- 4) Input bias current is zero.
- 5) Input offset voltage is zero.
- 6) Input offset is zero.

5) Symbols of operational amplifier



Q.5

Difference
Amplifier 1Difference
amplifier 2~~Emitter~~
followerlevel
shiftero/p
stage

Q2

fig of operational amplifier

The block diagram of operation amplifier is five function of 1) ~~Difference amplifier 1~~ 2) ~~Difference amplifier 2~~ 3) ~~Emitter shifter~~ 4) level shifter 5) output stage.

1) Difference amplifier :- The op-amp is direct coupled amplifier to connect the next stage of amplifier. It has two input and two output double ended output CMRR is ∞ . This help to reduce the noise at the o/p and also help to reduce the effect of change in temp. change in supply voltage & ageing. The i/p resistance of this stage is high.

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201

Seat No. in Figure	
Seat No. in Words	
Candidate's Signature	R.V. Bawane
Supervisors Signature	

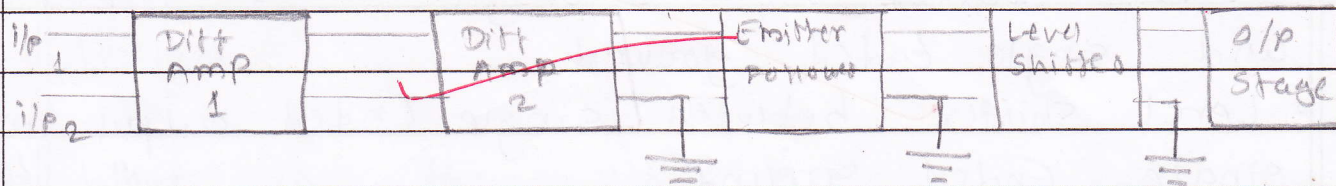
Class :	BSC 1 st year	Section :	
Date :	8-04-2023		
Subject :	Electronics		
No. Of Supplement		01+.....	
Only Examiners			
Ques. No.			
Marks			
Marks In Words			
Examiner Signature			

Name : Rakhi Vilas Bawane

Que: A)

Qs) Draw & Explain the Block Diagram of Operation Amplifier

Soln: Block Diagram of A Operation Amplifier



⇒ Difference Amplifier 1

- Difference Amplifier is two input and two output
- Difference Amplifier between a Double Ended Input and Double Ended output.

check prop

② Difference Amplifier 2. &

- Difference Amplifier is two input and one output and one ground
- Difference Amplifier is between single ended ~~and~~ output and single ended ground and double ended input.

③ Emitter Follower &

- Emitter Follower as buffer worked.
- Emitter Follower as same input and same output
- Emitter Follower between single ended input and single ended ground.
- Emitter Follower between single ended output and single ended ground.

④ Level shifter. &

- Level shifter between single ended input and single ended ground
- Level shifter between single ended output and single ended ground.

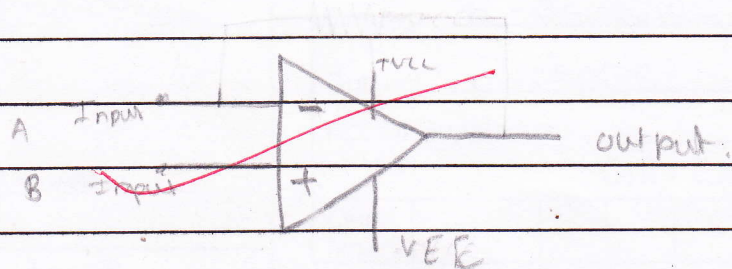
⑤ output stage. &

- Output stage between single ended input and single ended ground
- output stage between single ended output and single ended ground.

Q. 8 B

5) Draw the symbol of operational Amplifier

01



operational Amplifier

5) What is Function of Emitter Follower in op-Amp

solns

- Emitter Follower as circuit and op-Amp
- Emitter Follower working as buffer circuit.
- Emitter Follower as a buffer working and same input and same output.
- Emitter Follower two supply same voltage and same input voltage and same output voltage.

01

Q. 8 C) What is the CMRR?

01

solns

CMRR is a common mode resistance.

3) Give the characteristics of Ideal op-Amp.

solns

- op-Amplifier as circuit
- op-Amplifier buffer is proportional protection of a unbalanced current.

At current flow the Q_1 are R_3 resistance to R_C , current through the output impedance, and current flow the Q_2 are R_4 resistance to R_E , current through the input impedance.

$+V_{cc}$ & $-V_{cc}$ are ground.

input 1 & output 1 are Q_1 transistor & input 2 and output 2 are Q_2 transistor

Q.5.

Difference Amplifier

i/P ₁	Op-Amp	O/P ₁	Op-Amp	O/P	Emitter	O/P	Level	O/P	output
i/P ₂	1		2		Follower		shifter		stage
		O/P ₂							

Q1

Q2

Op-Amp 1 are two input and two output.

Q.3. Advantages of operational Amplifier

1) The ~~op-Amp~~ output high frequency to the low frequency.

□ Difference Amplifier - 1 :-

It is first stage Difference Amplifier it is double ended output.

It has two output and two inputs.

The Difference Amplifier-1 provides the constant current. This CMRR is very large and CMRR is Common mode Rejection ratio.

It reduces noise and increases the voltage, power, temperature etc.

□ Difference Amplifier - 2

It is second stage Difference Amplifier. It is known as double ended output is first Difference Amplifier but ^{single} single ended output is another Difference Amplifier as second.

It achieves the very large gain and second CMRR very large.

□ Emitter Follower :-

It has Emitter amplifier and it is known as working the buffer input impedance very large and output impedance is low.

□ Level Shifter :-

The level shifter is amplifier it has a large input.

(c) output ———

It has a output very large and ~~an~~ input High and Resistance is High ———

Ques 10 → The Emitter Follower in Op-amp work in
o/ BUFFER.

3 → CMRR Common Mode Rejection Ratio is ∞

- The offset is 0

o/ → The input impedance is ∞

→ the output impedance is 0

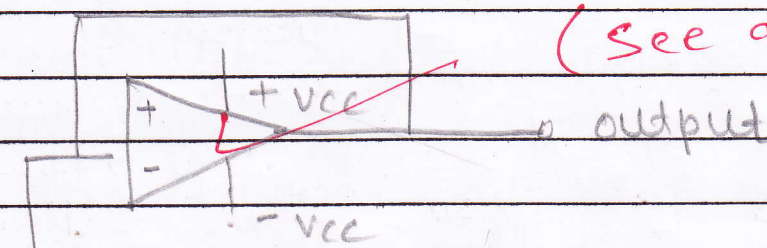
1. The single ended its that is a amplification in
o/ attaching the ground and second ~~conn~~
connected second amplification which is known
as single ended

(write prop)

double ended :- it has ~~inputs~~ and outputs
 attaching the ~~amplifier~~ is known as double
 ended.

Ques 5-

Q1



(see again)

Symbolic of operation amplifier

Que A

1)

Q2

Q2

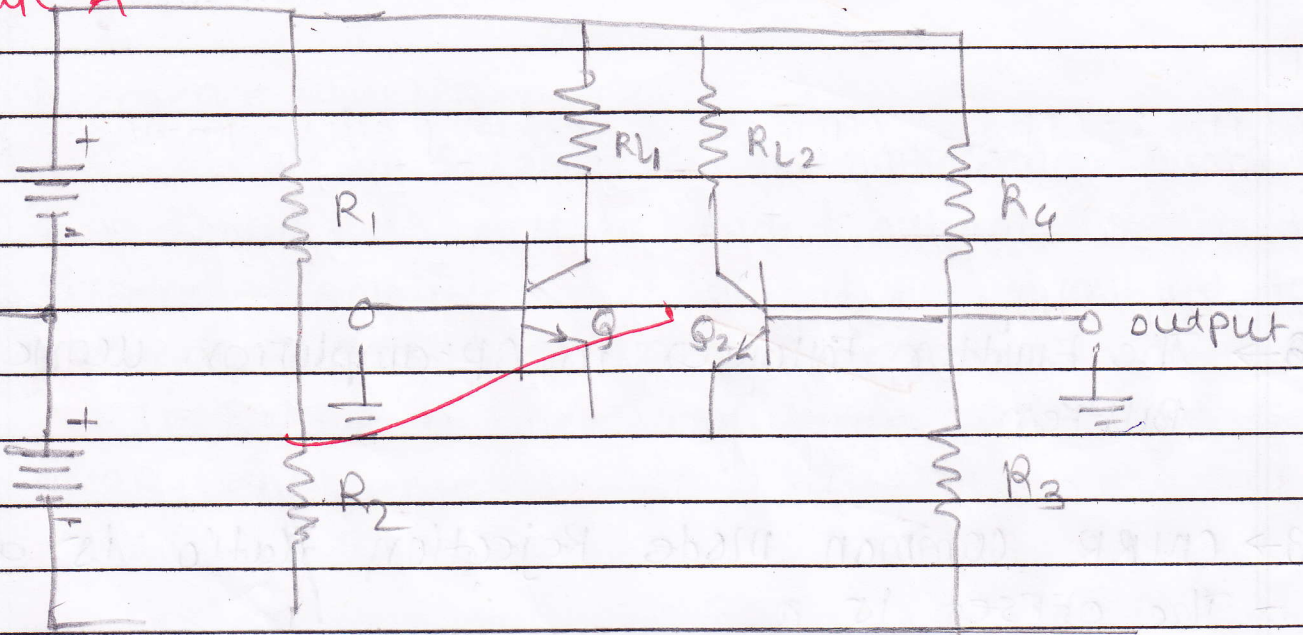


Figure Difference amplifier

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 2012

2023 $\frac{C}{2}$

Seat No. in Figure										
Seat No. in Words										
Candidate's Signature										
Supervisors Signature										

Class :	Bsc - II sem					Section :						
Date :	08/04/2023											
Subject :	Electronics										Total	
No. Of Supplement											01+.....	
Only Examiners												
Ques. No.												T
Marks												
Marks In Words												
Examiner Signature												

Name :- milind Abhay Deo

check this

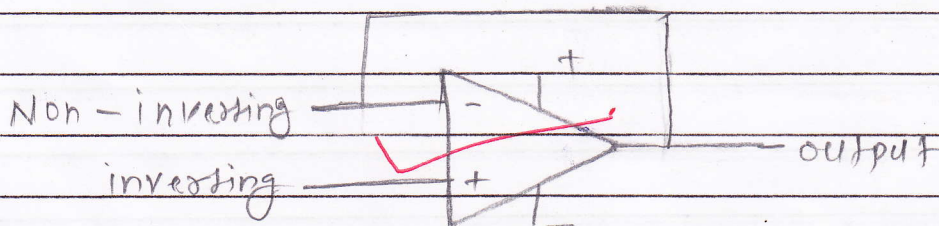
Q. B 1) double ended - In double ended output are connected to double input.

01

single ended output : In single ended output amplifier connected to double input.

01 4) CMRR :- Common mode Rejection ratio

01 5) Symbol of operational Amplifier -



Operational Amp -

Q.A. 2) Need of two power supplies in difference A
⇒ In the difference amplifier the power supply are same voltage. In difference amplifier the input are gives two output because the amplifier attached two power supplies.

Q2 In difference amplifier ~~the~~ when attached gives single power supply the amplifier is not working properly because amplifier low gain and impedance are not matching with single power supplies. In double power supplies the amplifier

4) Parameter of OP-Amp

1) open loop gain

2) CMRR

3) close loop gain

4) Input offset current

5) Block diagram of operational Amp -

Q. B) 2) Advantage of diodes Amplifier

01

1) Low Impedance matching

2) Input impedance are very low.

3)

is called as Operational Amplifier.

Advantages

1. High gain-operational Amplifier
at low frequency as well
as high.

2. Input impedance is high and
output impedance is low.
When you use the Op-Amp
circuit.

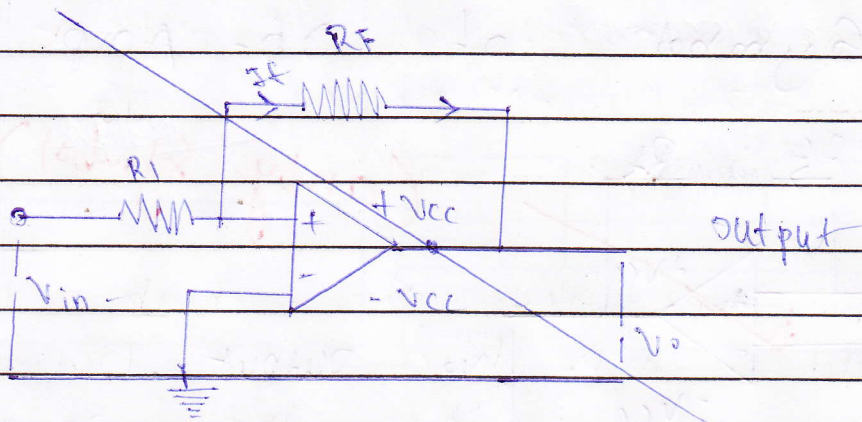
3. high Common mode Rejection
Ratio (CMRR).

4. in Op Amp drift is very
small.

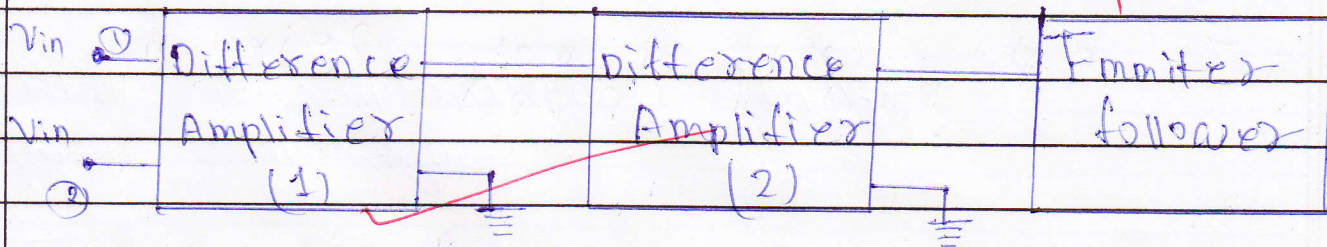
5. The output maintain or balancing
the circuit load.

Q.5)

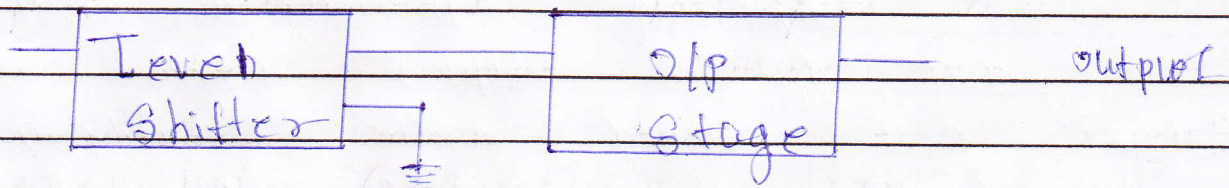
Draw and Explain the Block Diagram of Op-Amp.



(properly done)



Q2



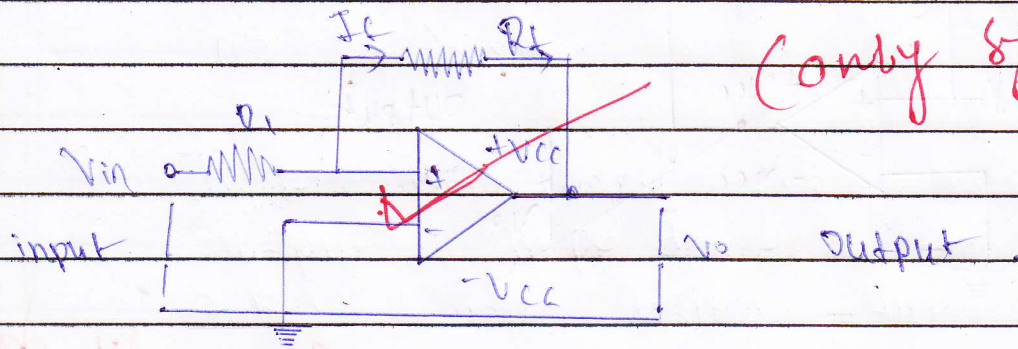
Operation: Amplifier is like a filter for circuits. There is an total five stages to filter the output circuit and last the stage.

Q.B. 4) What is the CMRR?

01 ⇒ Common mode Rejection Ratio.

5) Symbol of Op-Amp?

01 (only symbol)



N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201 18
2

Seat No. in Figure									
Seat No. in Words									
Candidate's Signature									
Supervisors Signature									

Class : Bsc 1st year Sem-II Section : _____

Date : 08-04-2023

Subject : Electronic

No. Of Supplement _____ 01+.....

Only Examiners

Ques. No.																				
Marks																				

Marks In Words _____

Examiner Signature _____

Name :- Nikhita Bhaskar Dange

Ques 1

03

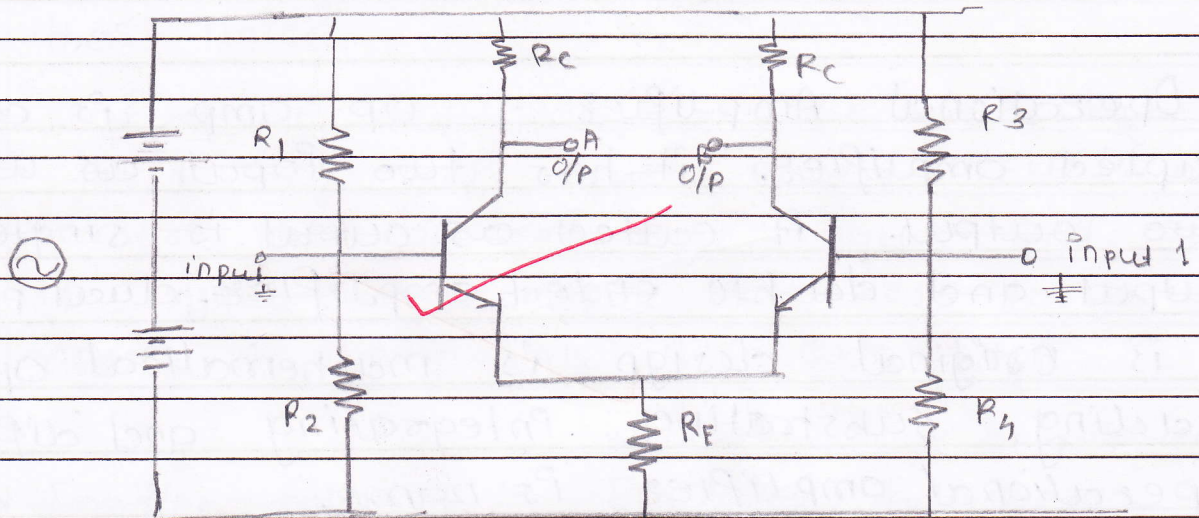


fig. Difference Amplifier circuit Diagram.

Construction :- Difference Amplifier has two input and two output. two transistor same are use. common emitter of two transistor. transistor connected opposite side. Gives dual power supply. $+V_{CC}$ and $-V_{CC}$.

Working :- Let Q_1 and Q_2 is transistor. give first input is input 1 and input 2 is ground res we get half cycle. we gives the dual power supply gives the full cycle

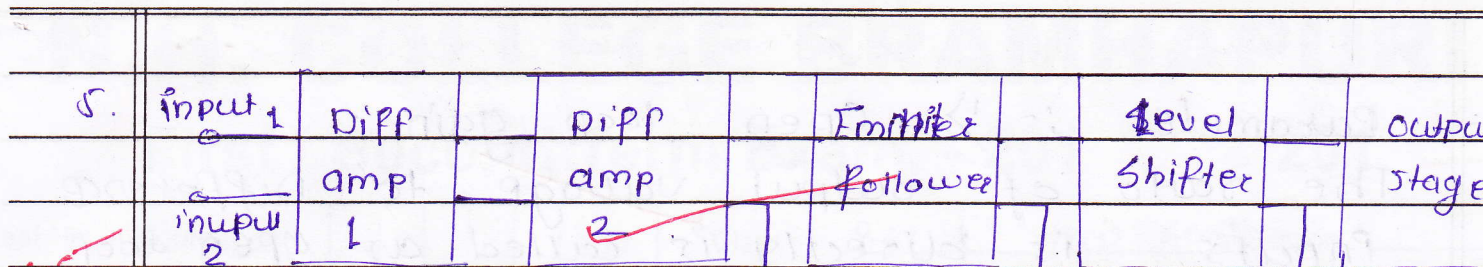
3.

Ans. - Operational Amplifier :- Op-amp. is direct coupled amplifier. it has two input as well as two output. it called as output is single ended output and double ended amplifier. dual power supply it is original design is mathematical operations. Adding, subtracting, Integrating and differentiating. Operational amplifier is name.

Advantages :- 1) Operational Amplifier is good to calculate the mathematical operators is established.

- 2) Output is proper gives
- 3) dual power supply is used.

4)



05

Fig. Block Diagram of operation amp.

Five stage of block diagram of operation Amplifier. 1) Difference amplifier 1 2) Diff. amp 2

3) Emitter follower 4) level shifter 5) output

1) Difference amplifier 1 :- first stage of op. difference amplifier. it has two input and two output (double ended output). CMRR is reduced the noise.

2) Difference amplifier 2 :- Second stage of op. first stage of double ended output is directly connect the second stage input. Diff amp out is single ended output with resp. to ground. CMRR is very high. gain also high.

3) Emitter follower :- third stage op. amp. emitter follower is amp. Emitter follower work like buffer. second and fourth stage protection emitter follower.

4) Level shifter :- fourth stage of block op. level shifter is level shif. from temp. and low voltage and high voltage that time level shifter. shift other to zero.

5) output stage :- last stage its output stage give increase the voltage as well as current because output resistance is low.

4. Parameter :- \rightarrow Open loop gain :

The ratio of output voltage to difference inputs is directly called as open loop

gain $A = \frac{V_o}{V_d}$

2) Closed loop gain :- The ratio of output voltage to difference inputs with negative feedback is called as closed loop gain = $\frac{1}{1+\beta}$

3) CMRR :- the ratio of common mode gain to

4)

Q.3.

1. single ended output is only one. It gives output

double ended output is between the two outputs.

2. Advantages of diff. Amp.

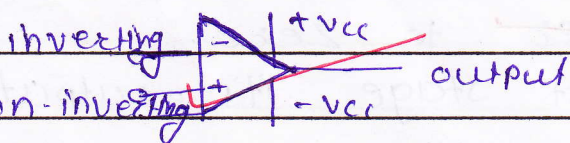
1) \Rightarrow Input impedance is high and output impedance is low.

2)

3. 1) Input offset is zero. 3) CMRR is zero

0) 2) Input resistance is high 4) Input volt is zero

4. Common mode rejection ratio.



0) 6. The function of emitter follower in op-amp is buffer to protect the unwanted noise.

N. H. College, Bramhapuri
Department of Electronics

Academic Session : 2022-23

Class : B.Sc.I, Sem II

Date : 22/02/2023

Test Examination :

08/04/2023

Student Attendance & Marksheet List

Total Marks : 20

S.N.	Name of Student	Student Signature		Obtained Marks	
		Paper (Unit: II)	Paper (Unit: III)	Paper (Unit: II)	Paper (Unit: III)
1	Anisha S. Ladke	Anisha	Anisha	04	10
2	Megha B. Bokade	Megha	Megha	07	07
3	Nikita B. Dange	Nikita	Nikita	18	17
4	Kajal A. Suryawanshi	K.Suryawanshi	K.Suryawanshi	07	12
5	Rakhi Y Bawane	R.Y.Bawane	R.Y.Bawane	03	08
6	bi Milind A. Deo	Milind	Milind	16	07
7	Nilesh N. Mukharji	Nilesh	Nilesh	03	08
8	Yograj S. Deshmukh	Yograj		08	
9	Sagar R. Borekare	Sagar	Sagar	02	05
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Test Exam. Incharge

Head
Dept. of Electronics

N. H. COLLEGE, BRAMHAPURI
Department of Electronics
TEST EXAMINATION (Unit I) : 2022-23
Class : B.Sc. II (CBCS) (Sem. IV)
Paper – I (Communication Electronics)

Time : 1 Hours

Marks : 20

Note :

1. All questions are compulsory and carry equal marks.
2. Draw neat diagrams wherever necessary.

Que.A : Attempt any Three.

(Marks : 15)

1. Explain Communication System. Drawn the block Diagram of Communication System with Explain each block. (5)
2. What is Noise ? Explain its. & Defined Signal-to Noise Ratio. (5)
3. What is Electromagnetic Spectrum ? Explain (5)
4. What is frequency Allocation ? Why Need of frequency Allocation ? (5)

Que.B. : Attempt any Five .

(Marks : 5)

1. What is range of frequency & Wavelength of medium frequency (MFs) ? (1)
2. Write long form of TRAI . (1)
3. What is bandwidth ? (1)
4. Defined Baseband Signal. (1)
5. What is function of Modulator in communication System? (1)
6. Write type of Communication Channel. (1)

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201

Seat No. in Figure									
Seat No. in Words									
Candidate's Signature									
Supervisors Signature									

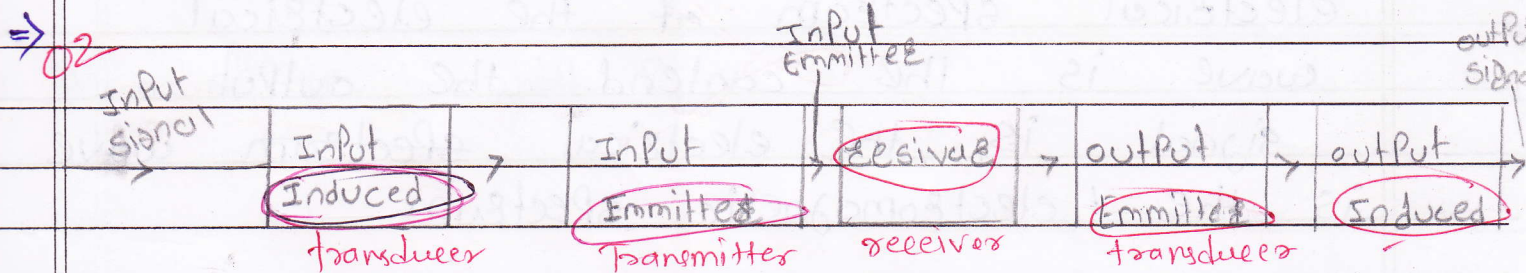
Class : _____	Section : _____																			
Date : _____																				
Subject : _____																				
No. Of Supplement _____	01+.....																			
Only Examiners																				
Ques. No.																			Total	
Marks																				
Marks In Words _____																				
Examiner Signature _____																				

Name- Pallavi Raju mule

Ques- Attempt and Three

Spelling Mistake
गुणाने मेल.

1. Explain communication system Drawn the block Diagram of communication system with Explain each block



communication system is a Input signal is a ~~te~~ In transducer the Input Emmitted is the transducer is Resivue in which the output signal is of the communicated in Process is the communication system

2) what is noise? Explain its & Define signal to Noise Ratio

⇒ the noise is a unwanted electrical signal is the electrical signal & received the output

02 signal in which noise is the low current low Ratio, low electrical signal to the Noise Ratio in which the Noise ratio

3) what is Electromagnetic spectrum? Explain

⇒ Electromagnetic spectrum is the electrical signal of a etc. frequency and electrical spectrum of the electrical wave is the content the output signal is the electrical spectrum wave. is the electromagnetic spectrum

Ques B Attempt any five

1) what is range of frequency & wavelength of medium frequency (mfs)?

⇒ medium frequency is a 30 kHz - 300 kHz
is medium frequency (mfs) 300 kHz to 3 MHz

& wavelength is $\rightarrow 10^3 - 10^2$

2) write long form of TRAI.

⇒ Telecom ~~Regulated~~ Authority India

3) what is bandwidth?

4) what is function of modulator in communication system?

⇒ the modulator is the output ~~sig~~ signal is low ^{signal} in the mixed ~~of a~~ ^{with} carrier signal is the ~~modulator~~ output is communication system

Name :- Jay . S. Korde

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

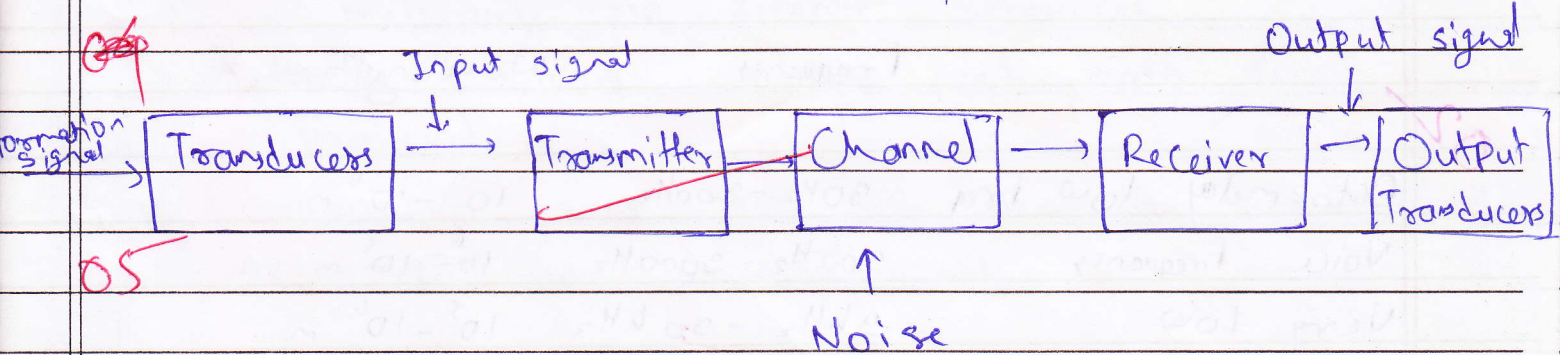
201

Roll No. in Figure										
Roll No. in Words										
Candidate's Signature										
Supervisors Signature										

Class : <u>B.Sc. sem IV</u>	Section : _____	
Date : <u>25-2-2023</u>	<u>16</u> <u>20</u>	
Subject : _____	Total	
No. Of Supplement _____	01+.....	
Only Examiners		
Ques. No.		Total
Marks		
Marks In Words _____		
Examiner Signature _____		

write in clear handwriting

The transfer of information from the source to the destination via channel or medium is called as Communication system.



Transducers are the electronic equipments which convert information signal into electrical signal and forward it towards transmitters.

Transmitter is an electronic circuit consisting of modulator and Amplifier which modulate the low frequency input signals with high frequency electronic signals for long distant transfer of information. it forwards the signals towards channel. i.e., it convert input electronic signals into electromagnetic waves.

channel is the medium or pathway through which signals are transmitted towards receiver. It is the part where noise/ ~~got~~ ~~added~~ unwanted radio signals get mixed with the transmitted signals.

Receiver, just opposite of ~~trans~~ transmitter consist demodulator and amplifier which receive signal which are in form of electromagnetic waves and convert it into output electronic signals and forward it to ~~out~~ ~~trans~~ Output transducer which converts electrical signal into information, ~~which is~~ signal. (voice / video)

3.

→ Electromagnetic Spectrum is nothing but the range of electromagnetic waves from high frequency to low frequency.

	Frequency	Wavelength
Extremely low freq	30Hz - 300Hz	$10^7 - 10^6$ m
Voice frequency	300Hz - 3000Hz	$10^6 - 10^5$ m
Very low	3kHz - 30 kHz	$10^5 - 10^4$ m
Low	30kHz - 300kHz	$10^4 - 10^3$ m
Medium	300kHz - 3000kHz	$10^3 - 10^2$ m
High	30kHz 3MHz - 30MHz	$10^2 - 10^1$ m
Very high	30MHz - 300MHz	1 m
Ultra high	300MHz - 3000MHz	1 - 10 ¹ m
Super High	3000MHz - 30GHz	$10^1 - 10^2$ m
Extreme High	30GHz - 300GHz	$10^2 - 10^3$
Infrared	300GHz - 4THz	$10^3 - 10^4$
Visible light	4THz - 8THz	$10^4 - 10^5$

4.



If we transmit a certain frequency ~~elect~~ electromagnetic signal to a specific destination, it has to be passed from the free way environment which may get distorted due to other frequencies of some frequency which may create a chaos. To overcome this, Government has distributed the frequency range for various usage from commercial to personal usage.

04

Frequency Allocation is nothing but the distribution of frequency into a specific range to be used by individual or commercial use.

It is mainly divided into three types,

- Low frequencies which are only to be used by military or defence services.
- ~~Medium~~ frequency to be used only for commercials.
- Frequencies free to be used for commercial as well as personal use.

There is need for the frequency allocation because when someone transmit signals to be received by a specified receiver, it may not reach the destination due to the disturbance in path caused by the frequencies in the environment.

Q.B.

(1)

	Frequency	Wavelength
Medium Frequency	300kHz - 3000kHz	$10^3 - 10^2$

01

(2)

→ TRAI → ~~Telecommunication~~ Regulatory Authority of India

01

(3)

→ The information signals converted into electrical signals before modulation ~~are~~ called as Baseband signals.

01

(4)

→ Modulator ~~converts~~ ^{adds} the low-frequency electrical signal with high frequency electromagnetic signal for long distant transmission

01

01

6. →

(i) ~~Conductors~~

(ii) ~~wireless~~

optical fibers

N. H. COLLEGE, BRAMHAPURI
Department of Electronics
TEST EXAMINATION (Unit I) : 2022-23
B.Sc. III (CBCS) (Sem. VI)
Paper – I (USELT13)(Compulsory)
(Photonic Devices and Power Electronics)

Time : 1 Hr.)

(Total Mark: 20

- N.B. : 1. All questions are compulsory and carry equal marks.
2. Draw neat diagrams wherever necessary.

Attempt any four :

- A) Explain i) Radiative Transition (5)
 ii) Optical Absorption
- B) Explain the Construction and working of LED. State its advantages. (5)
- C) Explain the condition for light amplification. (5)
- D) Explain the process of stimulated emission. (5)
- E) What is photonic device? Explain the classification of the photonic device. (5)

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201

Seat No. in Figure									
Seat No. in Words									
Candidate's Signature	<div style="display: flex; justify-content: center; align-items: center;"> 15 <hr style="width: 50%;"/> 20 </div>								
Supervisors Signature									

Class :	B.Sc. III Year		Section :	VI Sem	
Date :	25-02-2023				
Subject :	Electronic			<div style="display: flex; justify-content: center; align-items: center;"> 15 <hr style="width: 50%;"/> 20 </div>	
No. Of Supplement			01+.....	Total	
Only Examiners					
Ques. No.					Total
Marks					
Marks In Words					
Examiner Signature					

Name - puja Rajendra Tarare.

Q] Explain :- i) Radiative Transition (5)
 ii) Optical Absorption

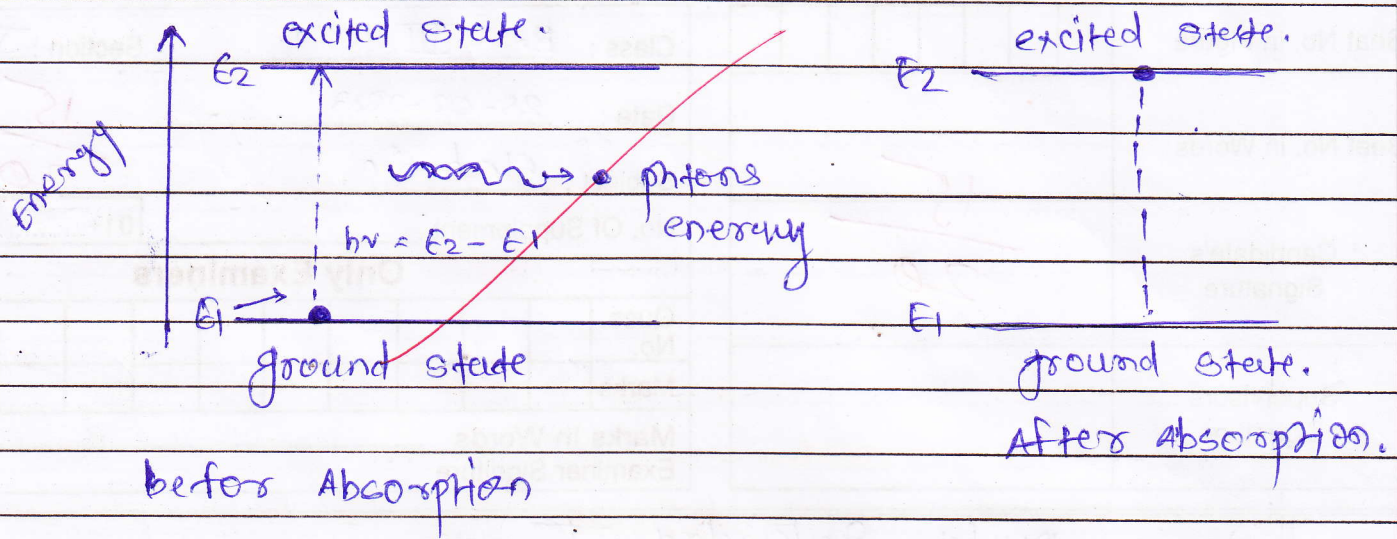
Ans → i) Radiative Transition

(1) The radiative transition is the transformation of the electron from the ~~low~~ energy state to high energy state. that ~~electron~~ ~~it~~ ~~emits~~ emits the photons energy and Radiat. photons energy or photons light energy is known as radiative transition.

ii) Optical Absorption :

(2) The optical absorption is the process of ~~it~~ in which the electrons or atom ~~at~~ the ground state or low energy level E_1 ~~is~~ are jump to the high energy level or ~~exc~~ excited state due to the some external photons energy or external force to the atom and that atom or electron goes to the ground state to excited state and ~~realies~~ or absorbs the energy

or photons energy. this process is known as optical Absorption. Shows in following figs.



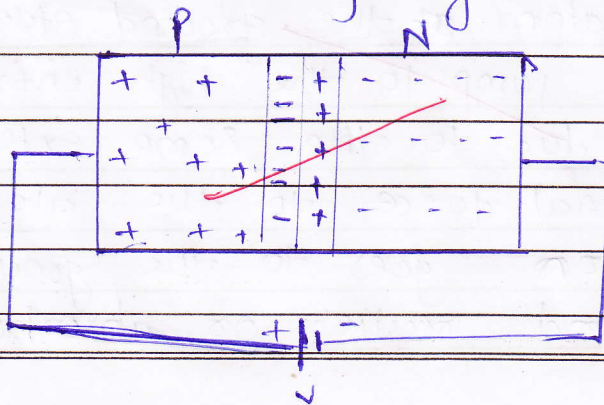
B) Explain the construction and working of LED. its Advantages. (5)

Ans- (1) LED is stand for the Light emitting diode.
 (2) LED is semiconductor diode. The frequency and wavelength of the 'c' (light) is the following express as $\lambda = \frac{c}{\nu}$.

(3) The symbol of the LED is Anode Cathode

OS Construction:-

D) The LED is the semiconductor diode it consist of the p-n junction. which have the electrons as the majority charge carriers



(label is compulsory)

① LED is a semiconductor diode which is made up from the pn-junction. In pn junction the electrons are the majority charge carriers and in n-type region and holes are the majority charge carriers in p-type region.

② LED is a hemispherical shape in size. sometime it is rectangular and circular in shape.

③ It is a hemispherical dome, and it has two legs that is one is large in length it is ~~made~~ detect as ~~the~~ positive (+) ~~terminal~~ ^{anode} of the LED and one second is small than the terminal or the leg, which is detect ~~(-ve)~~ ^{cathode} negative terminal of the LED.

④ ~~graphed, graphed~~ ~~Assembled, graphed~~

Working: ① It is the process of pn-junction diode. semiconductor. In which the electrons are the majority charge ~~are~~ present in the n-type and the positive charge (+ve) (holes) are present in the p-type.

② The LED is glow in forward biases.

③ When the some voltage are gives to the junction then the ~~(+) charges are move to +~~ positive charges move towards the N-type region and negative charges are move toward the p-type region and recombined with ~~together~~ together and form a ~~deflating~~ region.

④ The positive terminal of the battery is connected to the p-type semiconductor and negative terminal of the battery is connected to the n-type semiconductor is known as forward biases. bias, and that condition is reasonable to the LED glow.

① LED is a semiconductor diode which is made up from the pn-junction. In pn junction the electrons are the majority charge carriers and in n-type region and holes are the majority charge carriers in p-type region.

② LED is a hemispherical shape in size. sometime it is rectangular and circular in shape.

③ It is a hemispherical dome. and it has two legs that is one is large in length it is ~~made~~ detect as + the positive (+) terminal of the LED and ~~one~~ second is small than the terminal or the leg. which is detect (-ve) negative terminal of the LED.

④ ~~graphical, graphical~~ Assembled, ~~graphical~~

Working: ① It is the process of pn-junction diode. Semiconductor. In which the electrons are the majority charge ~~are~~ present in the n-type and the positive charge (+ve) (holes) are present in the p-type.

② The LED is glow in forward biases.

③ When the some voltage are gives to the junction then the ~~(+) charges are move to +~~ positive charges move towards the N-type region and negative charges are move toward the p-type region and recombined with ~~together~~ together and form a deflecting region.

④ The positive terminal of the battery is connected to the p-type semiconductor and negative terminal of the battery is connected to the n-type semiconductor is known as forward biases. bias. and that condition is reasonable to the LED glow.

Advantages of LED.

- ① ~~Small~~ i
- ① It is small in size, weight.
- ② It is inexpensive.
- ③ It's long life time range
- ④ used as detectors
- ⑤ used in infrared battery.

Q) Ans → The Stimulated process is the process that the electron ~~for~~ at the excited state is jump to the ground state. When that time the some photons energy is ~~strike~~ ~~strick~~ on that electron and form ~~single wave form~~ that is ~~monochro~~ monochromatic light or coherent energy. and the energy difference between them of those two ~~electro~~ energy state.

$$\therefore h\nu = E_2 - E_1$$

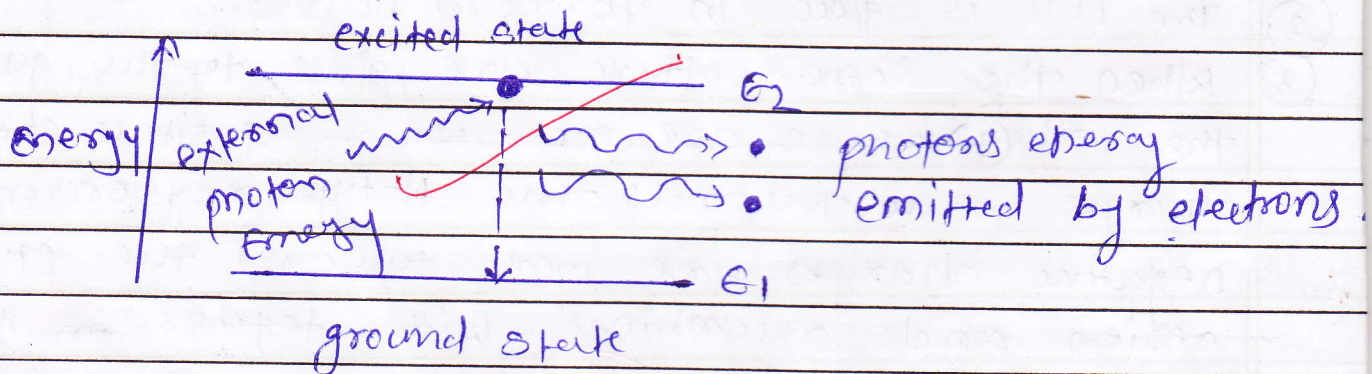


fig. Stimulated emission.

Q) Ans → photonic device is the that devices that which is creating, ~~manufa~~ manipulating, and it detect the solar and photo voltaic cell and

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201

Seat No. in Figure									
Seat No. in Words									
Candidate's Signature									
Supervisors Signature									

Class : _____	Section : _____									
Date : _____										
Subject : _____	Total									
No. Of Supplement _____	01+.....	Total								
Only Examiners										
Ques. No.										Total
Marks										
Marks In Words _____										
Examiner Signature _____										

detect the optical amplification. is known as photonic device.
ex - LED, lasers, optocoupler devices.

classification

→ (1) photonic device is ~~class~~ classify in ~~three~~ three group.

- (1) diode.
- (2) LED.
- (3) optocoupler devices.

} check

Name! - Pratiksha Bhagwan Rewade .

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201

Seat No. in Figure									
Seat No. in Words									
Candidate's Signature	<u>Bewade</u>								
Supervisors Signature									

Class : <u>B.Sc. Sem - VI</u>	Section : _____									
Date : <u>25/2/23</u>										
Subject : <u>Electronics</u>										
No. Of Supplement _____	01+.....	Total								
Only Examiners										
Ques. No.										Total
Marks										
Marks In Words _____										
Examiner Signature _____										

12 / 20

B] Explain the construction and working of LED. State its advantages.

Ans:- LED stands for Light Emitting Diode, in which the light is emitted using p and n junctions. LED is the P-N junction forward biased component.

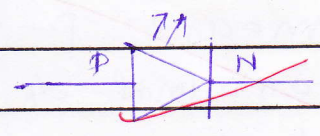


Fig. LED

Construction:-

LED is P-N junction.

LED is one type P-N junction diode. It consists of transparent, epoxy resin shell or body which is hemispherical in shape around the P-N junctions.

However, LED is also in cylindrical or

rectangular, etc in shape.

It consist of two terminal out of the hemispherical shape; that are cathode (-) which is shorter in length and anode is longer than cathode. To which external power supply is connected.

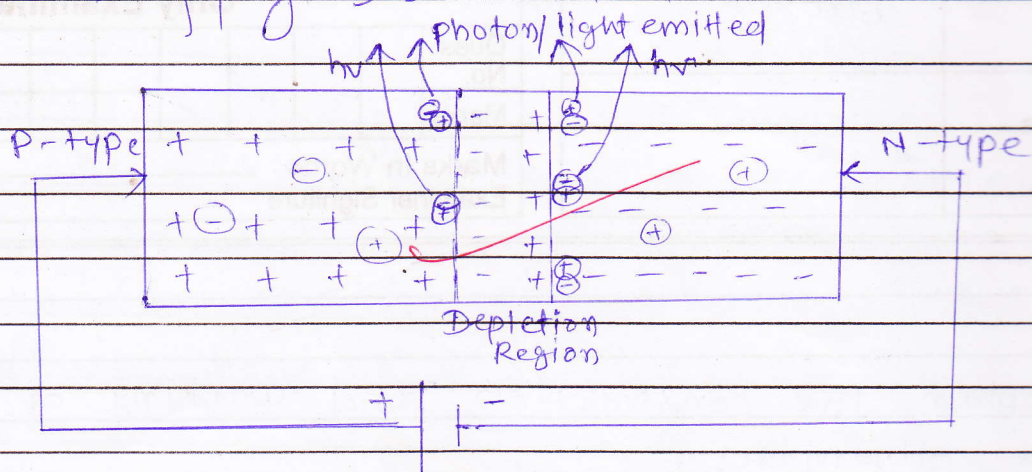


Fig:- construction of LED

Working:-

In LED P-N Junction is connected in forward bias. It means ~~p-terminal~~^{type} is connected to +ve terminal of battery and N-type is connected to -ve terminal of battery.

Hence, Electrons in N-type and holes in p-type are moves towards the junction to form depletion region. Where ~~electrons~~ and holes are recombine and ~~generation~~ of free electrons cause emission of photons or light.

LED consist of

LED made up of semiconducting material that are Gallium Arsenide (GaAs), Gallium phosphide (GaP) and Gallium phosphide Arsenide (GaPAs). Due to its substrate base the LED emitting light is falls on the top of the LED.

Q7
Ans:- Stimulated Emission:-

Stimulated emission is the process, in which the ~~atoms~~ incident photon is absorbed by the excited atom on the higher state that E_2 , ~~known~~ and during the transition (from higher state E_2 to E_1) emits ~~is~~ two identical photons, is known as stimulated emission.

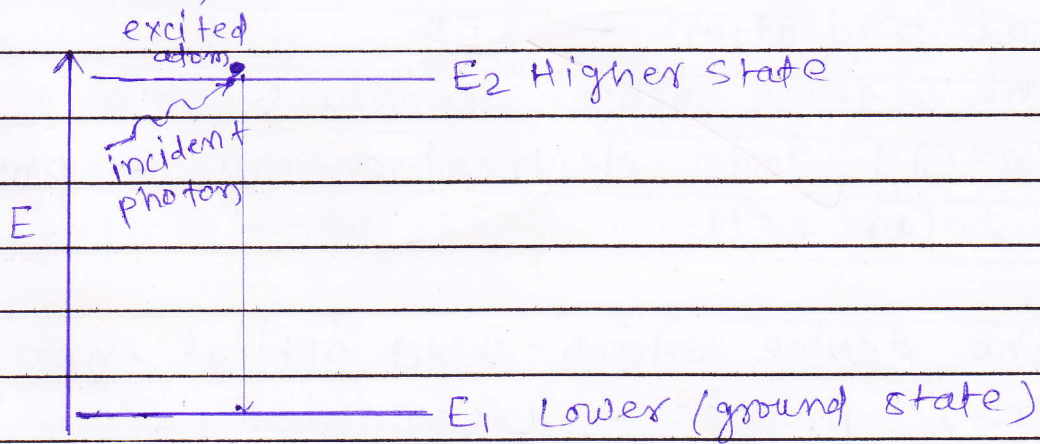


Fig. (a)

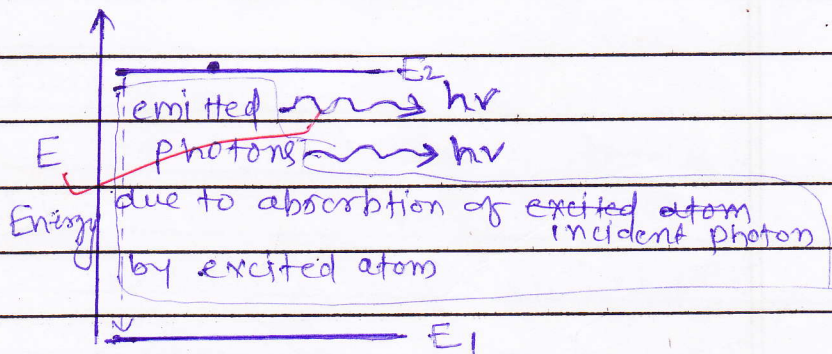


Fig (b)

Fig (a) and Fig (b) :- Stimulated emission.

When external photon is incident on excited photo at higher energy state E_2 ; the incident photon is absorbed by the excited atom. And during the transition ~~from~~ excited state E_2 to lower lower E_1 two identical photons are emitted.
~~This process is~~

E]

Ans] photonic device:-

The device which creating, manipulating or detecting light or radiation, known as photonic devices. That are Laser diodes, LED's, photovoltaic cell or solar cell, etc.

Classification of photonic device:-

- 03
- ① The device which converts electrical energy into optical radiation - LED
 - ② The device which converts optical radiation or energy into electrical energy - photovoltaic or solar cell
 - ③ The device which detect optical energy through electronic process - Laser diodes.

N.H. COLLEGE BRAMHAPURI

First / Second Term Exam. - 201

201

Seat No. in Figure								
Seat No. in Words								
Candidate's Signature								
Supervisors Signature								

Class : <u>BSc. III year</u>	Section : <u>V</u>
Date : <u>25.02.2023</u>	<u>05 + 02</u> <u>20</u>
Subject : <u>Electronic</u>	Total
No. Of Supplement	01+.....
Only Examiners	
Ques. No.	
Marks	
Marks In Words	
Examiner Signature	

Name: Rohit Anant Surywanshi.

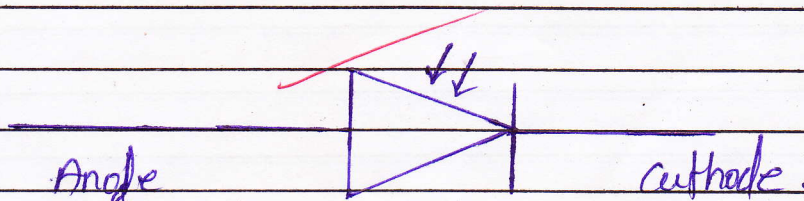
Q. Explain the construction and working of LED. state its advantages.

Soln \Rightarrow LED is Light Emitting Diode that P-N Junction under proper spontaneously construction. Condition light emitting diode has divide two type (i) vision light (ii) Infrared light.

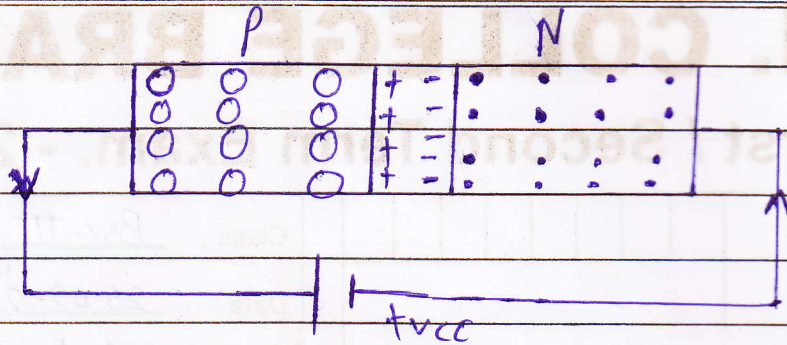
(i) vision light emit light from the vision region is generated range of light 5000 \AA to 7000 \AA .

(ii) Infrared light emit from Infrared region is wavelength generated from $1.2 \mu\text{m}$ to 9000 \AA .

Symbol of LED

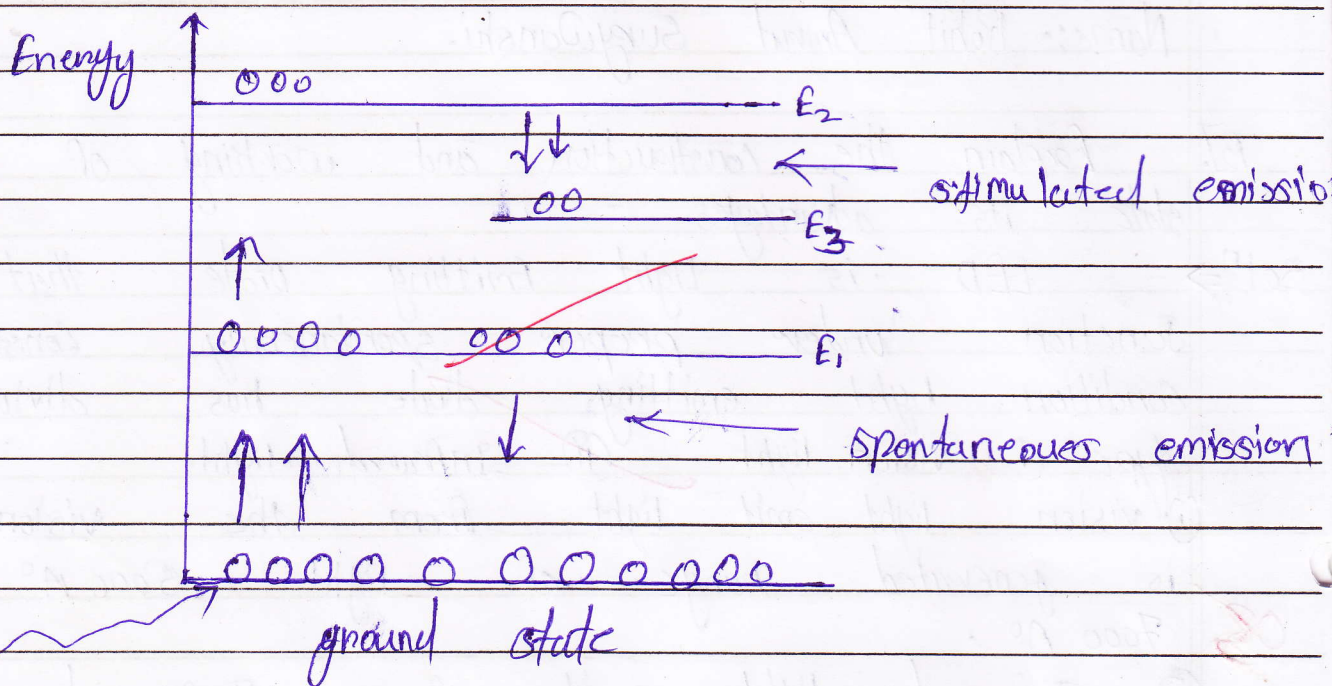


Construction :



PN Junction is forward bias. LED work as work as forward bias.

Q] Explain the process of stimulated emission.?



excitation

ground state

N. H. College, Bramhapuri

Department of Electronics

Academic Session : 2022-23

Class : B.Sc IIIrd, VI Sem

Date : 01/10/2023

& 25/02/2023

Test Examination :

Student Attendance & Marksheet List

Total Marks : 20 Marks

S.N.	Name of Student	Student Signature		Obtained Marks	
		Paper (Unit: I)	Paper (Unit: III)	Paper (Unit: I)	Paper (Unit: III)
1	Puja R. Taware	<u>PRTaware</u>	<u>PRTaware</u>	13	15
2	Pratiksha B. Rewade	<u>Bewade</u>	<u>Bewade</u>	16	12
3	Pradnya D. Meshram	<u>Pmeshram</u>	<u>Pmeshram</u>	09	05
4	Rohit A. Suryawanshi	<u>Rohit</u>	<u>Rohit</u>	10	07
5	Shivam P. Govture	<u>Govture</u>	<u>Govture</u>	07	04
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Test Exam. Incharge

Head
Dept. of Electronics

N. H. College, Bramhapuri

Department of Electronics

Seminar : 2022 – 23

Class : B.Sc. I (Electronics)



Class : B.Sc. II (Electronics)



Forest Officer, Brahmapuri

N H college, JVC4+5C9, Forest Colony, Brahmapuri, Maharashtra 441206, India

Brahmapuri
Maharashtra
India

28°C
82°F

2023-03-18(Sat) 11:35(am)



Forest Officer, Brahmapuri

JVC3+4X3, Forest Colony, Brahmapuri, Maharashtra 441206, India

Brahmapuri
Maharashtra
India

26°C
79°F

2023-03-18(Sat) 11:06(am)

Class : B.Sc. III (Electronics)



NEVJABAI HITKARINI COLLEGE , BRAMHAPURI

DEPARTMENT OF ELECTRONICS

SESSION 2022-23


CLASS : B.Sc. I , SEM II (ELECTRONICS)

Students Seminar

DATE : 18-03-2023

S. N.	NAME OF STUDENT	TOPIC NAME	SIGN
1	Nilesh N. Mukharjee	Diode	Nilesh
2	Nikhta B. Dange	Logic Gate	Bonye
3	milind A. Deo	Ic & Ic types	AD
4	Yogiraj S. Deshmukh	clock Rs & f using NAND gate	YBS
5	Megha B. Bha Bakade	field effect Transistor	Megha
6	Kajal A. suryawanshi	Transformer	K.suryawanshi
7	Anisha S. Lachke	Rectifier	AS.lachke
8	Rakhi V. Bawane	Transformer	R.V.Bawane
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			


Teacher In Charge


Principal & Head
Dr. D. H. Gahane
N. H. College, Bramhapuri

NEVJABAI HITKARINI COLLEGE , BRAMHAPURI

DEPARTMENT OF ELECTRONICS

SESSION 2022-23


CLASS : B.Sc. II , SEM IV (ELECTRONICS)

Students Seminar

DATE : 18-03-2023

S. N.	NAME OF STUDENT	TOPIC NAME	SIGN
1	Jay Sanjay Korde	Power Transistor	<u>SK</u>
2	Pallavi Raju Mule	Electronics Communication	<u>Pmele</u>
3	Vyatik A. Nikode	frequency Modulation	<u>N312</u>
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			


Teacher In Charge


Principal & Head
Dr. D. H. Gahane
N. H. College, Bramhapuri

NEVJABAI HITKARINI COLLEGE , BRAMHAPURI

DEPARTMENT OF ELECTRONICS

SESSION 2022-23


CLASS : B.Sc. III , SEM VI (ELECTRONICS)

Students Seminar

DATE : 11-03-2023

S. N.	NAME OF STUDENT	TOPIC NAME	SIGN
1	Pratiksha B. Rewade.	LED (Light Emitting Diode)	Rewade
2	Puja R. Taxare	Photonic Device	PTaxare.
3	Prachya D. Meshram	DIAC	Meshram
4	Rohit A. Suryawanshi	LASER	Rohit
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			


Teacher In Charge


Principal & Head
Dr. D. H. Gahane
N. H. College, Bramhapuri

N. H. College, Bramhapuri
Department of Electronics

Academic Session : 2022-23

Class : B.Sc. I, Sem II

Date : 22/02/2023 &

Test Examination : Unit Test

08/04/2023

Student Attendance & Marksheet List

Total Marks : 20 Marks

S.N.	Name of Student	Student Signature		Obtained Marks	
		Paper (Unit: II)	Paper (Unit: III)	Paper (Unit: II)	Paper (Unit: III)
1	Anisha S. Ladke	Anisha	Anisha	04	10
2	Megha B. Bokade	Megha	Megha	07	07
3	Nikita B. Dange	Nikita	Nikita	18	17
4	Kajal A. Suryawanshi	K. Suryawanshi	K. Suryawanshi	07	12
5	Rakhi Y Bawane	R. Y. Bawane	R. Y. Bawane	03	08
6	Milind A. Deo	Milind	Milind	16	07
7	Nitesh N. Mukharji	Nitesh	Nitesh	03	08
8	Yograj S. Deshmukh	Yograj	-	08	-
9	Sagar R. Borekare	Sagar	Sagar	02	05
10	Aniket V. Dhonge	Aniket	Aniket	02	08
11	Govinda B. Kodape	G. B. Kodape	-	03	-
12	Kavish M. Kuthe	Kavish	Kavish	04	05
13	Mukesh K. Madavi	-	-	-	-
14	Tanmay D. Shivarkar	-	Ashivarkar	-	05
15					
16					
17					
18					
19					
20					

Ranj

Test Exam. Incharge

[Signature]

Head
Dept. of Electronics

N. H. College, Bramhapuri
Department of Electronics

Academic Session : 2022-23

Date :- 25-02-2023


Class : B.Sc. II, Sem IV


Test Examamination : Unit Test

Student Attendace & Marksheet List

Total Marks : 20 marks

S.N.	Name of Student	Student Signature		Obtained Marks	
		Paper I (Unit: I)	Paper (Unit:)	Paper I (Unit: I)	Paper (Unit:)
1	Pallavi Raju Mule	(Rmule)	(Rmule)	07	16
2	Jay Sanjay Kozade	Jh	Jh	16	18
3	Vyatik A. Nikode	(Nikode)	(Nikode)	06	04
4	Nishika S. Kamatwar	-	(Kamatwar)	-	07
5	Rutik D. Saaf.	-	-	-	-
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					


Test Exam. Incharge


Head
Dept. of Electronics

N. H. College, Bramhapuri
Department of Electronics

Academic Session : 2022-23

Class : B.Sc IIIrd & VI Sem

Date : 01/10/2023

Test Examination : Unit test

& 25/02/2023

Student Attendance & Marksheet List

Total Marks : 20 Marks

S.N.	Name of Student	Student Signature		Obtained Marks	
		Paper (Unit: I)	Paper (Unit: III)	Paper (Unit: I)	Paper (Unit: III)
1	Puja R. Taware	<u>PRTaware</u>	<u>PRTaware</u>	13	15
2	Pratiksha B. Rewade	<u>Bewade</u>	<u>Bewade</u>	16	12
3	Pradnya D. Meshram	<u>Pmeshram</u>	<u>Pmeshram</u>	09	05
4	Rohit A. Suryawanshi	<u>Rohit</u>	<u>Rohit</u>	10	07
5	Shivam P. Gavture	<u>Shivam</u>	<u>Shivam</u>	07	04
6	Aniket V. Daherkar	-	-	-	-
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Roy
Test Exam. Incharge

[Signature]
Head
Dept. of Electronics

N. H. College, Bramhapuri

Department of Mathematics

INTERNAL EVALUATION MECHANISM

B. Sc. (Mathematics)

Session: 2022-23

The following **internal examination scheme** is adopted by the **Mathematics department of N. H. College, Bramhapuri** for the **B. Sc. (CBCS Pattern)** course as per the directions given by Mathematics Board, Gondwana University, Gadchiroli.

Teaching and Semester Examination Scheme for B. Sc. (Mathematics):

Class	Semester	Paper	Teaching Scheme Per week (workload)			Examination Scheme		
			Theory	Tutorial	Total	Paper	Internal Assessment	Total Marks
B. Sc. I	I	USMT-01	4	1	10	60	15	150
		USMT-02	4	1		60	15	
	II	USMT-03	4	1	10	60	15	150
		USMT-04	4	1		60	15	
B. Sc. II	III	USMT-05	4	1	10	60	15	150
		USMT-06	4	1		60	15	
	IV	USMT-07	4	1	10	60	15	150
		USMT-08	4	1		60	15	
B. Sc. III	V	DSE-I	4	1	10	60	15	150
		DSE-III	4	1		60	15	
	VI	DSE-V	4	1	10	60	15	150
		DSE-VI	4	1		60	15	

Theory Internal:

Sr. No.	Work Assigned	Marks	Marks Obtained
1	Attendance	5	
2	Unit Test	5	
3	Seminar/Assignment	5	

Head

Department of Mathematics

N. H. College, Bramhapuri
Department of Mathematics
INTERNAL EVALUATION MECHANISM
M. Sc. (Mathematics)
Session: 2022-23

The following **internal examination scheme** is adopted by the Mathematics department of N. H. College, Bramhapuri for the **M. Sc. (CBCS Pattern) Course** as per directions given by Mathematics Board, Gondwana University, Gadchiroli.

Teaching and Semester Examination Scheme for M. Sc. (Mathematics):

Class	Semester	Paper	Teaching Scheme Per week (workload)			Examination Scheme			
			Theory	Tutorial	Total	Theory Marks		Total Marks	Min. Passing Marks
						Paper	Internal Assessment		
M. Sc. I	I	PSCMTH-01	5		25	100	25	625	250
		PSCMTH-02	5			100	25		
		PSCMTH-03	5			100	25		
		PSCMTH-04	5			100	25		
		PSCMTH-05	5			100	25		
	II	PSCMTH-06	5		25	100	25	625	250
		PSCMTH-07	5			100	25		
		PSCMTH-08	5			100	25		
		PSCMTH-09	5			100	25		
		PSCMTH-10	5			100	25		
M. Sc. II	III	PSCMTH-11	5		25	100	25	625	250
		PSCMTH-12	5			100	25		
		PSCMTH-13	5			100	25		
		PSCMTH-14	5			100	25		
		PSCMTH-15	5			100	25		
	IV	PSCMTH-16	5		25	100	25	625	250
		PSCMTH-17	5			100	25		
		PSCMTH-18	5			100	25		
		PSCMTH-19	5			100	25		
		PSCMTH-20	5			100	25		

Theory Internal:

Sr. No.	Work Assigned	Marks	Marks Obtained
1	Attendance	5 (Compulsory)	
	Any Two of the following Activities		
2	Seminar	10	
3	Unit Test	10	
4	Home Assignment	10	

Nevjabai Hitkarini College, Bramhapuri
Department of Mathematics
Class: B.Sc. I Sem-II (CBCS)

Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
1	AACHAL RAVINDRA BANKAR	5	5	5	5	AB	2	10	12
2	ABHAY SANJIV TUPKAR	5	5	5	5	4	4	14	14
3	ACHAL ATMARAM WADHAI	5	5	5	5	4	4	14	14
4	ADITYA DADAJI SHIVARKAR	5	5	5	5	AB	AB	10	10
5	AISHWARYALAXMI DILIP CHAUKE	5	5	5	5	3	3	13	13
6	AKANKSHA GAJANAN WAGH	5	5	5	5	4	4	14	14
7	AKANKSHA JAYANT MESHARAM	5	5	5	5	4	4	14	14
8	AMAN NARENDRA MATE	5	5	5	5	3	4	13	14
9	AMIT RADHESHAM DHOTE	5	5	5	5	4	4	14	14
10	ANIKET DINKAR KHETRE	5	5	5	4	4	4	14	14
11	ANIKET SHISHUPAL DAHIWALE	5	5	5	5	4	4	14	14
12	ANIKET UTTAM DHONGE	5	5	5	5	3	3	13	13
13	ANISHA SURESH LADKE	5	5	5	5	4	4	14	14
14	APEKSHA SUKHDEV MOHURLE	5	5	5	5	4	4	14	14
15	ARUNDHATI HEMANT DOLHARE	5	5	5	5	2	2	12	12
16	ASHWINI AMBADAS DANGE	5	5	5	5	4	4	14	14
17	ATHRAV SANJAY FULZELE	5	5	5	5	3	3	13	13
18	BHAGYASHRI SUBHASH NANHE	5	5	5	5	4	4	14	14
19	CHANDA KRIPALDAS NAKADE	5	5	5	5	2	2	12	12
20	CHANDANI NANAJI BAGMARE	5	5	5	5	4	4	14	14
21	CHETAN RATIRAM THAKARE	5	5	5	5	4	4	14	14
22	CHINMAYANAND RAHUL THENGRE	5	5	5	5	4	4	14	14
23	DIMPAL PUNDLIK KAMTHE	5	5	5	5	3	3	13	13
24	DIPTI NANDKISHOR DHAKATE	5	5	5	5	2	2	12	12
25	EKTA SANTOSH BILGAYYA	5	5	5	5	2	3	12	13
26	GANESH SURENDRA BORKUTE	5	5	5	5	4	4	14	14
27	GAURAV BHAURAO MESHARAM	5	5	5	5	4	4	14	14

Nevjabai Hitkarini College, Bramhapuri
Department of Mathematics
Class: B.Sc. I Sem-II (CBCS)

Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
28	GAURI NANDKUMAR ANAWALE	5	5	5	5	4	4	14	14
29	GOVINDA BRAMHADAS KODAPE	5	5	5	5	4	4	14	14
30	GUNJAN ASHOK JENGATHE	5	5	5	5	5	5	15	15
31	HIMANI BHAGWAN BODELE	5	5	5	5	2	2	12	12
32	HIMANSHU RAVINDRA KOTRANGE	5	5	5	5	5	5	15	15
33	JANVHI RAJESHWAR GIRADKAR	5	5	5	5	4	4	14	14
34	KAJAL AMRUT SURYAWANSHI	5	5	5	5	3	3	13	13
35	KALYANI JAYDEV WADHAI	5	5	5	5	4	4	14	14
36	KALYANI SANJAY CHINCHEKAR	5	5	5	5	4	4	14	14
37	KAVISH MOHAN KUTHE	5	5	5	5	2	2	12	12
38	KHUSHIYA VILAS MHASKE	5	5	5	5	2	2	12	12
39	MEGHA BHASKAR BOKADE	5	5	5	5	3	3	13	13
40	MILAN SHAMARAO BANKAR	5	5	5	5	4	4	14	14
41	MILIND ABHAY DEO	5	5	5	5	4	4	14	14
42	MILIND NARENDRA THAKARE	5	5	5	5	4	4	14	14
43	MUKESH KRUSHNA MADAVI	5	5	5	5	AB	AB	10	10
44	NANDALAL SUDAM MANDHARE	5	5	5	5	2	2	12	12
45	NEHA SANTOSH PRADHAN	5	5	5	5	4	4	14	14
46	NIKHIL TREMBAK TUPAT	5	5	5	5	3	3	13	13
47	NIKHITA BHASKAR DANGE	5	5	5	5	4	4	14	14
48	NILESH NARAYAN MUKHARJEE	5	5	5	5	4	4	14	14
49	PAWAN CHETANDAS SANGATSAHEB	5	5	5	5	3	3	13	13
50	PORAS RAMESH PARDHI	5	5	5	5	3	3	13	13
51	PRACHI GANGADHAR DUNEDAR	5	5	5	5	5	5	15	15
52	PRADIP MADAN DARVE	5	5	5	5	4	4	14	14
53	PRADNYA GOKUL MESHARAM	5	5	5	5	3	3	13	13
54	PRANALI SUNIL CHANNE	5	5	5	5	4	4	14	14

Nevjabai Hitkarini College, Bramhapuri

Department of Mathematics

Class: B.Sc. I Sem-II (CBCS)

Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
55	PRANJALI SANJAY SHIVANKAR	5	5	5	5	4	4	14	14
56	PRANJALI SUBHASH SHENDE	5	5	5	5	4	4	14	14
57	PRANOTI CHANDRASHEKHAR DEWAIKAR	5	5	5	5	4	4	14	14
58	PRASHIK ASHOK GEDAM	5	5	5	5	3	3	13	13
59	RADHESHYAM RAJKUMAR SAROTE	5	5	5	5	2	2	12	12
60	RAKHI VILAS BAWANE	5	5	5	5	4	4	14	14
61	RANI ARUN BARDE	5	5	5	5	4	4	14	14
62	ROHINI HEMDAS KAPAT	5	5	5	5	2	2	12	12
63	ROHIT SANJAY BODALKAR	5	5	5	5	4	4	14	14
64	ROHIT SANJAY THERKAR	5	5	5	5	3	3	13	13
65	RUTUJA BALKRISHNA THAKARE	5	5	5	5	3	3	13	13
66	SAGAR RUSHI BAREKAR	5	5	5	5	3	3	13	13
67	SAHIL MOHAN DHORE	5	5	5	5	4	4	14	14
68	SAKSHI MANIK SAHARE	5	5	5	5	2	2	12	12
69	SALONI KHUSHAL THAKARE	5	5	5	5	4	4	14	14
70	SANGITA PRABHAKAR KARUTKAR	5	5	5	5	3	3	13	13
71	SANJANA PURUSHOTTAM DIGHORE	5	5	5	5	4	4	14	14
72	SANKET GANESH PIPARE	5	5	5	5	4	4	14	14
73	SAYALI DNYANESHWAR BHOYAR	5	5	5	5	4	4	14	14
74	SHANTANU SURESH DHABEKAR	5	5	5	5	4	4	14	14
75	SHEJAL SHAILESH SAHARE	5	5	5	5	4	4	14	14
76	SHIVANI RAVINDRA MOHUTARE	5	5	5	5	4	4	14	14
77	SHRAVANI GANESH MISAR	5	5	5	5	2	2	12	12
78	SHRIKRUSHNA UMESH LICHADE	5	5	5	5	4	4	14	14
79	SMITA BHASHKAR SONKUSARE	5	5	5	5	4	4	14	14
80	SNEHA SURYABHAN THAKARE	5	5	5	5	4	4	14	14
81	SUMIT YOGESHWAR MANAPURE	5	5	5	5	4	4	14	14

Nevjabai Hitkarini College, Bramhapuri
 Department of Mathematics
 Class: B.Sc. I Sem-II (CBCS)
Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
82	SUYOG MANGESH NAGOSE	5	5	5	5	4	4	14	14
83	SWAPNIL WASUDEO GAVTURE	5	5	5	5	4	4	14	14
84	TANMAY DADAJI SHIVARKAR	5	5	5	5	AB	2	10	12
85	TRUPTI DHANANJAY BANPURKAR	5	5	5	5	AB	AB	10	10
86	TRUPTI SANJAY LOKHANDE	5	5	5	5	2	2	12	12
87	UDDESH UMAJI KHARWADE	5	5	5	5	3	3	13	13
88	VAIBHAV JIVAN BHAI SARE	5	5	5	5	4	4	14	14
89	VAISHNAVI GOPAL HUKARE	5	5	5	5	AB	AB	10	10
90	VINAY RAMDAS MESHARAM	5	5	5	5	AB	2	10	12
91	YOGIRAJ SANJAY DESHMUKH	5	5	5	5	2	2	12	12

Head
 Department of Mathematics

Principal
 N. H. College, Bramhapuri

Nevjabai Hitkarini College, Bramhapuri

Department of Mathematics

Class: B.Sc. II Sem-IV (CBCS)

Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Student Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
1	AAKANSHA DIGESHWAR BORKAR	5	5	5	5	3	4	13	14
2	ACHAL ANIL THOMBARE	5	5	5	5	4	3	14	14
3	ADITYA KEWALRAM RAUT	5	5	5	5	2	2	12	12
4	AMIT SANJAY URADE	5	5	5	5	3	2	13	12
5	ANIKET MANOHAR GIRADKAR	5	5	5	5	3	4	13	14
6	ANUJ LOKMAN RAUT	5	5	5	5	2	2	12	12
7	ANUJA CHARUDATTA SONULE	5	5	5	5	2	2	12	12
8	ARTI ARUN LANJE	5	5	5	5	4	4	14	14
9	ASHWINI ABHIMAN SAHARE	5	5	5	5	4	2	14	12
10	DIGVIJAY SHIVRAM AMBORKAR	5	5	5	5	4	4	14	14
11	DIKSHA SHAMRAO KUTHE	5	5	5	5	4	4	14	14
12	DIPAK MADAN RAKHADE	5	5	5	5	4	4	14	14
13	GANESH ANANDRAO LADE	5	5	5	5	5	5	15	15
14	HARISH SANJAY THENGRE	5	5	5	5	AB	AB	10	10
15	HEMA KAILAS BADAN	5	5	5	5	4	4	14	14
16	HITESH SUSHANT SARKAR	5	5	5	5	AB	2	10	12
17	HRUSHIKET LALSU DHURVE	5	5	5	5	2	2	12	12
18	JAY SANJAY KORDE	5	5	5	5	AB	2	10	12
19	KAPIL DIGAMBAR RAUT	5	5	5	5	2	2	12	12
20	KAUSHAL EKNATH KHEDKAR	5	5	5	5	2	2	12	12
21	KHUSHAL VISHWANATH NAKADE	5	5	5	5	4	4	14	14
22	KHUSHI SANJAY DOJJAD	5	5	5	5	4	2	14	12
23	KRISHNA GOPICHAND VIKHAR	5	5	5	5	4	4	14	14
24	LEKHRAJ VINOD WANDHARE	5	5	5	5	4	4	14	14
25	MADHURA MANOJ RAMTEKE	5	5	5	5	2	4	12	14
26	MAHESHWARI MANOHAR DAHULE	5	5	5	5	5	5	15	15
27	MANASVI ASHOK PATEL	5	5	5	5	4	4	14	14

Nevjabai Hitkarini College, Bramhapuri

Department of Mathematics

Class: B.Sc. II Sem-IV (CBCS)

Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Student Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
28	MAYURI DAYARAM NAIK	5	5	5	5	2	2	12	12
29	MINAKSHI SANJAY DHORE	5	5	5	5	4	4	14	14
30	MINAL NARENDRA SHAHANE	5	5	5	5	4	2	14	12
31	MOHIT RAMESHWAR THENGARI	5	5	5	5	AB	AB	10	10
32	NANDINI AVINASH BHANARKAR	5	5	5	5	4	4	14	14
33	NIKITA KRUSHNA NANDANWAR	5	5	5	5	4	4	14	14
34	NIKITA RAJU BHARRE	5	5	5	5	2	2	12	12
35	NISHIKA SHASHIKANT KAMATWAR	5	5	5	5	2	AB	12	10
36	PALLAVI RAJU MULE	5	5	5	5	2	1	12	11
37	PAYAL DEVIDAS MAIND	5	5	5	5	5	5	15	15
38	PIYANSHU NARENDRA DONGARE	5	5	5	5	4	4	14	14
39	PRANAY RAVINDRA LODHE	5	5	5	5	3	4	13	14
40	PRANIT RAVINDRA CHUDHARI	5	5	5	5	2	2	12	12
41	PRANOTI HARIDAS THENGARI	5	5	5	5	4	4	14	14
42	PRATIK PRAKASH DHOTE	5	5	5	5	2	2	12	12
43	PRATIKSHA NARENDRA DHORE	5	5	5	5	4	4	14	14
44	PUJA BHAGWAN IKHAR	5	5	5	5	4	3	14	13
45	PUNAM KUSAN MANKAR	5	5	5	5	2	2	12	12
46	REVAN SUDHAKAR DHONGE	5	5	5	5	2	1	12	11
47	ROSHANI SURESH LANJEWAR	5	5	5	5	4	2	14	12
48	RUPALI NANAJI NAKHATE	5	5	5	5	4	2	14	12
49	RUTIK DNYANESHWAR SARAF	5	5	5	5	AB	AB	10	10
50	SAKSHI ASHOK URADE	5	5	5	5	4	4	14	14
51	SAKSHI DATTU MADANKAR	5	5	5	5	4	3	14	13
52	SALONI GULAB BORKAR	5	5	5	5	AB	1	10	11
53	SAMIR UDDHAO WALVE	5	5	5	5	2	2	12	12
54	SANKET SUKHARAM TEMBHURKAR	5	5	5	5	2	2	12	12

Nevjabai Hitkarini College, Bramhapuri
Department of Mathematics
Class: B.Sc. II Sem-IV (CBCS)
Session 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Student Name	Internal Assessment Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
55	SAURABH MACHHINDRA KOSE	5	5	5	5	AB	AB	10	10
56	SHITAL MOHAN JIWATODE	5	5	5	5	4	4	14	14
57	SHITAL RAMDAS KANADE	5	5	5	5	4	2	14	12
58	SHRADDHA VIJAY KAWLE	5	5	5	5	2	4	12	14
59	SHREYASH PYARELAL BAGADE	5	5	5	5	2	2	12	12
60	SHRUTIKA RAMESH UIKE	5	5	5	5	4	2	14	12
61	SHWETA ARUN LENGURE	5	5	5	5	4	4	14	14
62	SIMRAN PURUSHOTTAM BANSOD	5	5	5	5	3	2	13	12
63	SOHAM YASHWANT KHARKATE	5	5	5	5	3	4	13	14
64	SUBHAM SAMEER SARKAR	5	5	5	5	3	2	13	12
65	SUHAS SURENDRA ALONE	5	5	5	5	3	3	13	13
66	SURBHI VIJAYSHAHA SAYAM	5	5	5	5	4	3	14	13
67	SWAPNAJA VIJAY SANGOLE	5	5	5	5	4	4	14	14
68	TRUPTI KRUSHNA NIKURE	5	5	5	5	4	3	14	13
69	VAISHNAVI ANIL KOLATE	5	5	5	5	4	4	14	14
70	VAISHNAVI SURESH GADE	5	5	5	5	4	4	14	14
71	VIJAY SHANKAR BHAJBHUJE	5	5	5	5	4	4	14	14
72	VRUTIK ANANT NIKODE	5	5	5	5	4	2	14	12
73	YASH SHAMLAL LOKHANDE	5	5	5	5	2	3	12	13
74	YOGESH VIJAY DADMAL	5	5	5	5	AB	AB	10	10

Head
Department of Mathematics

Principal
N. H. College, Bramhapuri

Nevjabai Hitkarini College, Bramhapuri

Department of Mathematics

Class: B.Sc. III Sem-VI (CBCS)

Session: 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assesement Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)			
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II	Paper -I	Paper-II
1	ABHAYA MURLIDHAR SORTE	5	5	5	5	2	4	12	14
2	ABHINAY PUNDLIK WAKEKAR	5	5	5	5	3	2	13	12
3	AJAY LEMRAJ SURYAWANSHI	5	5	5	5	4	3	14	13
4	AKASH PRAMOD MESHARAM	5	5	5	5	4	4	14	14
5	ANIKET VIJAY DAHELKAR	5	5	5	5	1	1	11	11
6	CHETAN MOHAN RAUT	5	5	5	5	4	4	14	14
7	DARSHANA HANAJI GAWAL	5	5	5	5	2	2	12	13
8	DHANASHRI SUNILKUMAR THAKUR	5	5	5	5	4	4	14	14
9	DHARATI NARENDRA RAUT	5	5	5	5	4	4	14	14
10	DIVYAJYOTI ANMOL CHIMANKAR	5	5	5	5	4	4	14	14
11	DNYANESHWARI ARUN NANNEBOINWAR	5	5	5	5	4	4	14	14
12	FARINNAJ JAMIL SHEIKH	5	5	5	5	2	2	12	12
13	FAZILZAMA TARIQUEZAMA QURESHI	5	5	5	5	1	1	11	11
14	GAURAV BALWANT TAKSANDE	5	5	5	5	4	3	14	13
15	GAYATRI KALIDAS SONWANE	5	5	5	5	4	4	14	14
16	JANHAVI VILAS NISHANE	5	5	5	5	2	4	12	14
17	KALYANI GAJANAN LANDEKAR	5	5	5	5	5	5	15	15
18	KALYANI RAVINDRA THAKARE	5	5	5	5	2	2	12	12
19	KALYANI VILAS SHRIRAME	5	5	5	5	4	4	14	14
20	KETAKI TUKARAM PARDHI	5	5	5	5	4	4	14	14
21	KHUSHI SHRIKANT ISALWAR	5	5	5	5	4	2	14	12
22	KIRTI TEKRAM MARGAYE	5	5	5	5	4	4	14	14
23	KOMAL VILASRAO DEVIKAR	5	5	5	5	4	4	14	14
24	KUNAL DILIP MASKE	5	5	5	5	4	4	14	14
25	LINA RAVINDRA GHUTAKE	5	5	5	5	4	4	14	14
26	LOKESH RAJENDRA DHOMANE	5	5	5	5	2	2	12	12
27	LUKESH MANIK BHARDWAR	5	5	5	5	1	1	11	11

Nevjabai Hitkarini College, Bramhapuri

Department of Mathematics

Class: B.Sc. III Sem-VI (CBCS)

Session: 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assesement Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)		Paper -I	Paper-II
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II		
55	RAMANANDSWAMI VISHWANATH WADHAI	5	5	5	5	3	3	13	14
56	RIYA HARIDAS THENGARI	5	5	5	5	2	4	12	14
57	ROHAN DIWAKAR SELOTE	5	5	5	5	4	4	14	14
58	ROHIT AMRUT SURYWANSHI	5	5	5	5	4	4	14	14
59	ROHIT BHARAT LOKHANDE	5	5	5	5	4	4	14	14
60	SAHIL PARASRAM MARBATE	5	5	5	5	4	3	14	13
61	SAIESH KRUSHNAJI KUTHE	5	5	5	5	5	5	15	15
62	SAKSHI DINESH CHIMALWAR	5	5	5	5	4	2	14	12
63	SALMAN JAKIRHUSSAIN SHEIKH	5	5	5	5	2	2	12	12
64	SAMIR DHANRAJ MESHRAM	5	5	5	5	4	4	14	14
65	SAMIR KEWALRAM MISAR	5	5	5	5	4	4	14	14
66	SAMIR SUNIL URADE	5	5	5	5	1	1	11	11
67	SANKET DEBRAJ MANDAPE	5	5	5	5	1	1	11	11
68	SAURABH SHYAMSUNDAR SHENDE	5	5	5	5	2	1	12	11
69	SHANKAR MANOHAR KOTRANGE	5	5	5	5	2	4	12	14
70	SHIVAM VIJAY GAUTRE	5	5	5	5	4	2	14	12
71	SHIVANI DEVIDAS TONDARE	5	5	5	5	4	4	14	14
72	SHRUTI GAJENDRA JAWANJAL	5	5	5	5	2	4	12	14
73	SHWETA DILIP DOMALE	5	5	5	5	4	4	14	14
74	SIDDHANT RAJKUMAR FULZELE	5	5	5	5	4	4	14	14
75	SONALI TULSHIDAS DHONGE	5	5	5	5	5	5	15	15
76	SONI CHHATRAPAL NIHATE	5	5	5	5	2	4	12	14
77	SPANDAN SUDHAKAR RAMTEKE	5	5	5	5	2	3	12	13
78	SUKESHNI SUDHAKAR MESHRAM	5	5	5	5	4	4	14	14
79	SURENDRA DATTATRAY LENGURE	5	5	5	5	5	5	15	15
80	SWAPNIL DHARMARAJ THENGARI	5	5	5	5	2	4	12	14
81	SWATI MANOJ HUMANE	5	5	5	5	4	4	14	14

Nevjabai Hitkarini College, Bramhapuri

Department of Mathematics

Class: B.Sc. III Sem-VI (CBCS)

Session: 2022 - 23

INTERNAL ASSESSMENT MECHANISM

Sr. No.	Students Name	Internal Assesement Scheme						Total Marks Obtained (30 Marks)	
		Class Attendance (Max 10 Marks)		Seminar/ Assignment (Max 10 Marks)		Unit Test (Max 10 Marks)		Paper -I	Paper-II
		Paper -I	Paper -II	Paper -I	Paper -II	Paper-I	Paper-II		
82	TANUJA SANTOSH RAUT	5	5	5	5	4	2	14	12
83	TRUPTI GOPAL SHENDE	5	5	5	5	4	2	14	12
84	VAISHALI PUNDALIKRAO RAUT	5	5	5	5	4	4	14	14
85	VIVIDH NARENDRA KHOBRADE	5	5	5	5	2	2	12	12
86	YASH MANOHAR YERNE	5	5	5	5	4	2	14	12

Head
Department of Mathematics

Principal
N. H. College, Bramhapuri

Nevjabai Hitkarini College, Bramhapur

Department of Mathematics

Unit Test: 2022-23

Paper-II: Elementary Number Theory

Class: B. Sc. II (Sem-IV)

Date: 21/03/2023

Attendance Sheet

Sr. No.	Name of Students	Signature
1	AAKANSHA DIGESHWAR BORKAR	<u>Akansha</u>
2	ACHAL ANIL THOMBARE	<u>Thombare</u>
3	ADINATH AVINASH LODHE	AB
4	ADITYA DILIP MESHRAM	AB
5	ADITYA KEWALRAM RAUT	AB
6	ADITYA RAGHUNATH FUNDE	AB
7	AMIRSINGH MANIKSHINGH DUDHANI	AB
8	AMISHA RAJU GHATURKAR	AB
9	AMIT SANJAY URADE	AD
10	ANIKET MANOHAR GIRADKAR	<u>Giradkar</u>
11	ANUJ LOKMAN RAUT	AB
12	ANUJA CHARUDATTA SONULE	AB
13	ARTI ARUN LANJE	<u>Arti Arun Lanje</u>
14	ASHWINI ABHIMAN SAHARE	AB
15	BHUMIKA RUPESH GEDAM	AB
16	DIGVIJAY SHIVRAM AMBORKAR	<u>Digvijay</u>
17	DIKSHA SHAMRAO KUTHE	<u>Diksha</u>
18	DIPAK MADAN RAKHADE	<u>Rakhade</u>
19	GANESH ANANDRAO LADE	<u>Lade</u>
20	HARISH SANJAY THENGRE	AB
21	HEMA KAILAS BADAN	H.K.Badan
22	HITESH SUSHANT SARKAR	<u>Frankas</u>
23	HRUSHIKET LALSU DHURVE	
24	JAY SANJAY KORDE	<u>SJK</u>
25	KAPIL DIGAMBAR RAUT	AB
26	KAUSHAL EKNATH KHEDKAR	AB
27	KHUSHAL VISHWANATH NAKADE	<u>Khushal Nakade</u>
28	KHUSHI SANJAY DOJAD	AB
29	KRISHNA GOPICHAND VIKHAR	<u>Krunal</u>
30	LEKHRAJ VINOD WANDHARE	<u>L.V.Wandhare</u>
31	MADHURA MANOJ RAMTEKE	<u>MS</u>
32	MAHESH BALAK CHANDIKAR	AB
33	MAHESHWARI MANOHAR DAHULE	<u>Maheshwari</u>

Nevjabai Hitkarini College, Bramhapur

Department of Mathematics

Unit Test: 2022-23

Paper-II: Elementary Number Theory

Class: B. Sc. II (Sem-IV)

Date: 21/03/2023

Attendance Sheet

34	MAHIMA TUKARAM CHAUDHARI	AB
35	MANASVI ASHOK PATEL	Patel
36	MAYURI DAYARAM NAIK	AB
37	MINAKSHI SANJAY DHORE	Sanjay
38	MINAL NARENDRA SHAHANE	AB
39	MOHIT RAMESHWAR THENGARI	AB
40	NANDINI AVINASH BHANARKAR	Bhanarkar
41	NIKITA KRUSHNA NANDANWAR	Nandanwar
42	NIKITA RAJU BHARRE	AB
43	NISHIKA SHASHIKANT KAMATWAR	AB
44	PALLAVI RAJU MULE	Pallavi
45	PAYAL DEVIDAS MAIND	AB
46	PIYANSHU NARENDRA DONGARE	P.N. Dongare
47	PRANAY RAVINDRA LODHE	Pranay
48	PRANIT RAVINDRA CHUDHARI	AB
49	PRANJALI NANDLAL PANCHBHAI	AB
50	PRANOTI HARIDAS THENGARI	P.H. Thengari
51	PRATIK PRAKASH DHOTE	AB
52	PRATIKSHA NARENDRA DHORE	Pratiksha
53	PUJA MAHADEV BHOYAR	AB
54	PUJA BHAGWAN IKHAR	Bikhar
55	PUNAM KUSAN MANKAR	AB
56	REVAN SUDHAKAR DHONGE	Bhonge
57	ROHIT RAMESHWAR KUMBHARE	AB
58	ROSHANI SURESH LANJEWAR	AB
59	RUPALI NANAJI NAKHATE	AB
60	RUTIK DNYANESHWAR SARAF	AB
61	SAKSHI ASHOK URADE	Sauvade
62	SAKSHI DATTU MADANKAR	Madankar
63	SALONI GULAB BORKAR	Saloni
64	SAMIR UDDHAO WALVE	AB
65	SANKET SUKHARAM TEMBHURKAR	AB
66	SAURABH MACHHINDRA KOSE	AB
67	SHITAL MOHAN JIWATODE	Shital

Nevjabai Hitkarini College, Bramhapur

Department of Mathematics

Unit Test: 2022-23


Paper-II: Elementary Number Theory

Class: B. Sc. II (Sem-IV)

Date: 21/03/2023

Attendance Sheet

68	SHITAL RAMDAS KANADE	AB
69	SHIWANI GOWARDHAN SARAYE	AB
70	SHRADDHA VIJAY KAWLE	AB
71	SHRAVANI SAMBHAJI YENURKAR	AB
72	SHREYASH PYARELAL BAGADE	AB
73	SHRUTIKA RAMESH UIKE	AD
74	SHWETA ARUN LENGURE	AB
75	SIMRAN PURUSHOTTAM BANSOD	AD
76	SNEHAL BHASKAR BHANARKAR	AB
77	SOHAM YASHWANT KHARKATE	soham
78	SUBHAM SAMEER SARKAR	AB
79	SUHAS SURENDRA ALONE	AB
80	SUKESHINI KAILAS SHAMKULE	AB
81	SURBHI VIJAYSHAHA SAYAM	AB
82	SWAPNAJA VIJAY SANGOLE	AB
83	TRUPTI KRUSHNA NIKURE	Tik. Nikure
84	VAISHNAVI ANIL KOLATE	Kolate
85	VAISHNAVI SURESH GADE	Gade
86	VAISHNAVI UMAJI PARDHI	AB
87	VAISHNAVI YASHWANT REWADE	
88	VIJAY SHANKAR BHAJBHUJE	AB
89	VISHAL DHANANJAY YELANE	AB
90	VRUTIK ANANT NIKODE	AB
91	YASH SHAMLAL LOKHANDE	AB
92	YOGESH VIJAY DADMAL	AB


Head
Department of Mathematics
Head
Department of Mathematics

23
30

UNIT-TEST

Class: - Bsc IIIrd year

date: 23/03/2023

Name: Payal Vinayak Borakar

Que ① If $\phi = x^3 + y^3 + z^3 - 3xyz$ find
div grad ϕ and curl grad ϕ

$$\Rightarrow \text{grad } \phi = (\phi_x, \phi_y, \phi_z)$$
$$= (3x^2 - 3yz, 3y^2 - 3xz, 3z^2 - 3xy)$$
$$\text{div grad } \phi = \nabla \cdot \text{grad } \phi$$

$$= \left(\frac{\partial}{\partial x}, \frac{\partial}{\partial y}, \frac{\partial}{\partial z} \right) \cdot (3x^2 - 3yz, 3y^2 - 3xz, 3z^2 - 3xy)$$

$$= \frac{\partial}{\partial x} (3x^2 - 3yz) + \frac{\partial}{\partial y} (3y^2 - 3xz) + \frac{\partial}{\partial z} (3z^2 - 3xy)$$

$$= 6x + 6y + 6z$$
$$= 6(x + y + z)$$

$$= \text{curl grad } \phi =$$

	i	j	k
	$\frac{\partial}{\partial x}$	$\frac{\partial}{\partial y}$	$\frac{\partial}{\partial z}$
	$3x^2 - 3yz$	$3y^2 - 3xz$	$3z^2 - 3xy$

$$i(-3x + 3x) + j(-3y + 3y) + k(-3z + 3z)$$
$$+ j \left[\frac{\partial}{\partial z} (3x^2 - 3yz) - \frac{\partial}{\partial z} (3z^2 - 3xy) \right]$$

$$+ j(0 - 3y) - (0 - 3y)$$

$$+ j(-3y + 3y)$$

06

30
30

Unit Test Maths - (II)

Page No. _____

Date 21/03/2023

NAME: PRATIKSHA NARENDRA DHORE
class: BSC-IInd year (PCM)

① Prove that $n^2 - n$ divisible by 2, $n^3 - n$ by 6 and $n^5 - n$ by 30 $\forall n \in \mathbb{Z}$

→ Let n be any integer

① $n^2 - n = n(n-1)$ Product of two consecutive integers

$\Rightarrow (2) \mid (n^2 - n)$ by theorem
 $2 \mid (n^2 - n)$

② $n^3 - n = n(n^2 - 1) = n(n-1)(n+1)(n-1)$
= Product of 3 consecutive integers

$\Rightarrow (3) \mid (n^3 - n)$ or $6 \mid (n^3 - n)$

③ we prove this result by mathematical induction

$$P(n) = 30 \mid (n^5 - n), n \in \mathbb{N}$$

$$P(1) = 30 \mid 0 \text{ and this is true}$$

Assume ① For some $n \in \mathbb{N}$ we show

that $(P(n) \rightarrow P(n+1))$ Now

$$\begin{aligned} (n+1)^5 - (n+1) &= n^5 + 5n^4 + 10n^3 + 5n^2 + 1 - (n+1) \\ &= (n^5 - n) + 5(n^4 - n^2) + 10(n^3 - n) + 5(n^2 - n) + 30n \end{aligned}$$

$$\begin{aligned} &= (n^5 - n) + 5n(n^3 - n) + 10(n^3 - n) + 5(n^2 - n) + 30n \end{aligned}$$

Now $30 \mid (n^5 - n)$ by hypothesis

$6 \mid (n^3 - n)$ by ② $\Rightarrow 30 \mid 5(n^3 - n)$

Name: → Bhagyashri Subhash Namhe

1)

Ans → Three an arbitrary funⁿ of 3 is to be eliminated. let $x^2 + y^2 = u$.

Then the given relation becomes.

$$\text{let } x^2 + y^2 = u$$

$$z = xy + f(u)$$

$$\frac{\partial z}{\partial x} = p = y + \frac{\partial f}{\partial u} \frac{\partial u}{\partial x} = y + z' \cdot 2x$$

$$p = y + 2xz'$$

$$p - y = 2xz'$$

$$\frac{p - y}{2x} = z' \quad \text{--- (1)}$$

similarly diff w.r. to y

$$\frac{q - x}{2y} = z' \quad \text{--- (2)}$$

$$\frac{p - y}{2x} = \frac{q - x}{2y}$$

$$y(p - y) = x(q - x)$$

$$py - y^2 = qx - x^2$$

$$py - y^2 - qx + x^2 = 0$$

$$x^2 - y^2 + py - qx = 0$$

Nevjabai Hitkarini College, Bramhapur

Department of Mathematics

Unit Test: 2022-23

Paper-II: Elementary Number Theory

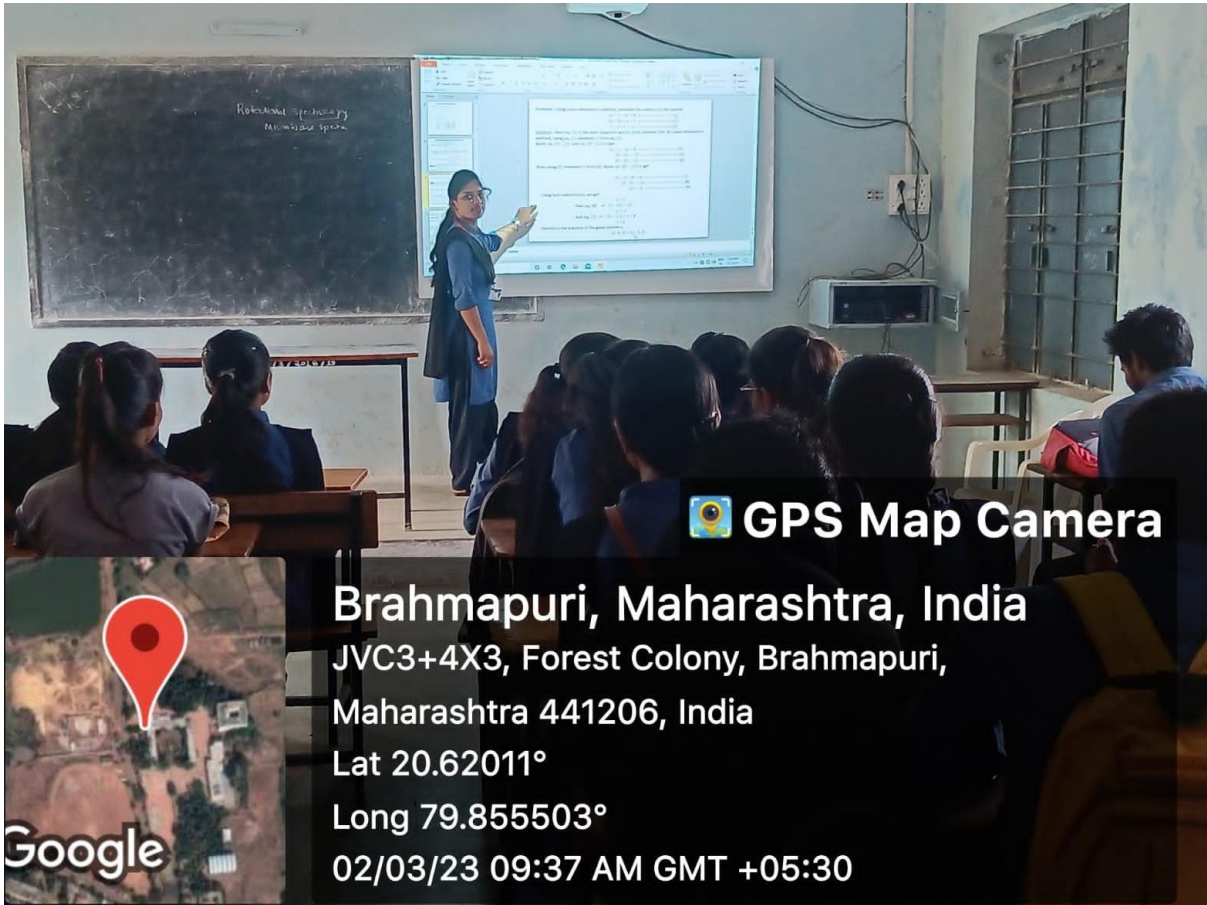
Class: B. Sc. II (Sem-IV)

Date: 21/03/2023

Attendance Sheet

Sr. No.	Name of Students	Signature
1	AAKANSHA DIGESHWAR BORKAR	<u>Akansha</u>
2	ACHAL ANIL THOMBARE	<u>Thombare</u>
3	ADINATH AVINASH LODHE	
4	ADITYA DILIP MESHRAM	
5	ADITYA KEWALRAM RAUT	
6	ADITYA RAGHUNATH FUNDE	
7	AMIRSINGH MANIKSHINGH DUDHANI	
8	AMISHA RAJU GHATURKAR	
9	AMIT SANJAY URADE	
10	ANIKET MANOHAR GIRADKAR	<u>Giradkar</u>
11	ANUJ LOKMAN RAUT	
12	ANUJA CHARUDATTA SONULE	
13	ARTI ARUN LANJE	<u>Arti Lanje</u>
14	ASHWINI ABHIMAN SAHARE	
15	BHUMIKA RUPESH GEDAM	
16	DIGVIJAY SHIVRAM AMBORKAR	<u>Digvijay</u>
17	DIKSHA SHAMRAO KUTHE	<u>Kuthe</u>
18	DIPAK MADAN RAKHADE	<u>Rakhade</u>
19	GANESH ANANDRAO LADE	<u>Lade</u>
20	HARISH SANJAY THENGRE	
21	HEMA KAILAS BADAN	<u>H.K. Badan</u>
22	HITESH SUSHANT SARKAR	<u>Sarkar</u>
23	HRUSHIKET LALSU DHURVE	
24	JAY SANJAY KORDE	<u>SJK</u>
25	KAPIL DIGAMBAR RAUT	
26	KAUSHAL EKNATH KHEDKAR	
27	KHUSHAL VISHWANATH NAKADE	<u>Khushal Nakade</u>
28	KHUSHI SANJAY DOJAD	
29	KRISHNA GOPICHAND VIKHAR	<u>Krunal</u>
30	LEKHRAJ VINOD WANDHARE	<u>L.V. Wandhare</u>
31	MADHURA MANOJ RAMTEKE	<u>MS</u>
32	MAHESH BALAK CHANDIKAR	
33	MAHESHWARI MANOHAR DAHULE	<u>Mahule</u>

Student Seminar on Mathematics:



Nevjabai Hitkarini College, Bramhapuri

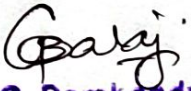
Department of Sociology

Scheme of Examination (Sem I to Sem VI)

There will be University Examination of 80 Marks for each Theory Paper and Internal of 20 Marks for each paper

Internal Assesment System for each semester

Internal Assesment System	20 Marks (Each Semester)
1. Class Seminar	
Two Class Seminar in Academic session	
1) Semester I	10 Marks
2) Semester II	10 Marks
2. Home Assignment	
1) Semester I	05 Marks
2) Semester II	05 Marks
3. Oral Test & Personality Test	
(Co-operation, Leadership, Presentation, Confidence)	
1) Semester I	05 Marks
2) Semester II	05 Marks
<hr/>	
Total	40 Semester (20 Marks Each Semester)


Balaji G. Damkondwar
Asst. Prof. & Head
Dept. of Sociology
N. H. College, Bramhapuri


Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Sociology

Scheme of Examination (M A Sociology)

There will be University Examination of 80 Marks for each Theory Paper and
Internal of 20 Marks for each paper

Internal Assesment System for each semester

Internal Assesment System	20 Marks (Each Semester)
1. Class Seminar	
Two Class Seminar in Academic session	
1) Semester I	10 Marks
2) Semester II	10 Marks
2. Home Assignment	
1) Semester I	05 Marks
2) Semester II	05 Marks
3. Oral Test & Personality Test	
(Co-operation, Leadership, Presentation, Confidence)	
1) Semester I	05 Marks
2) Semester II	05 Marks
<hr/>	
Total	40 Semester (20 Marks Each Semester)



Balaji G. Damkondwar
Asst. Prof. & Head
Dept. of Sociology
N. H. College, Bramhapuri

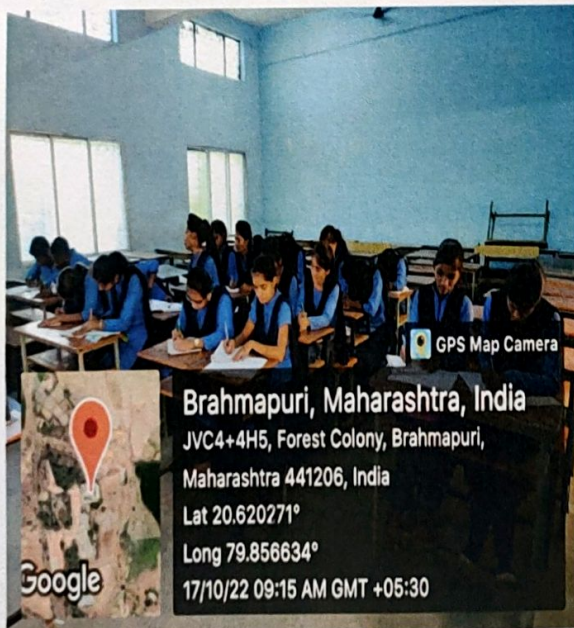
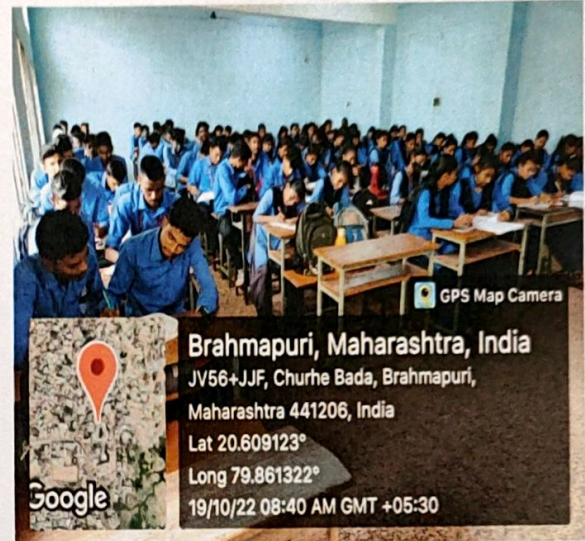


Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Sociology

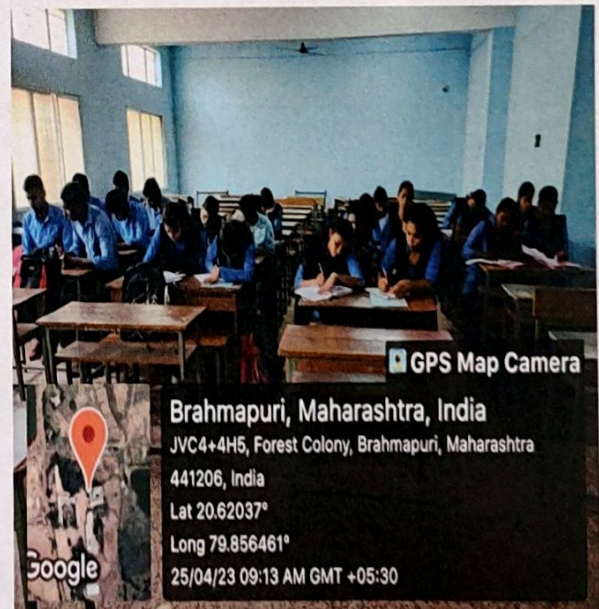
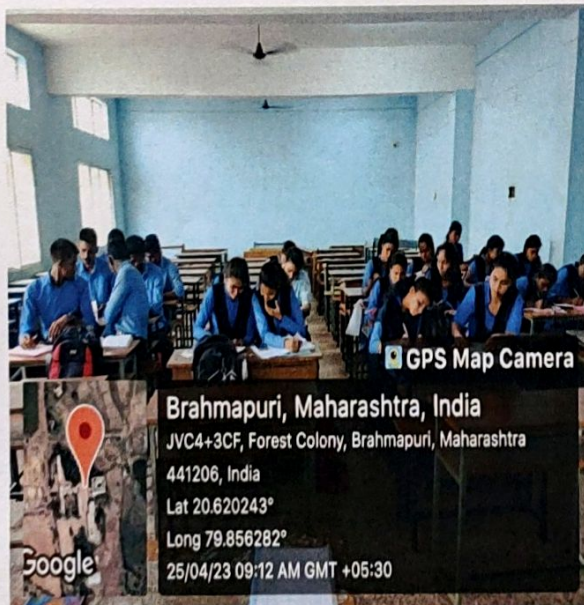
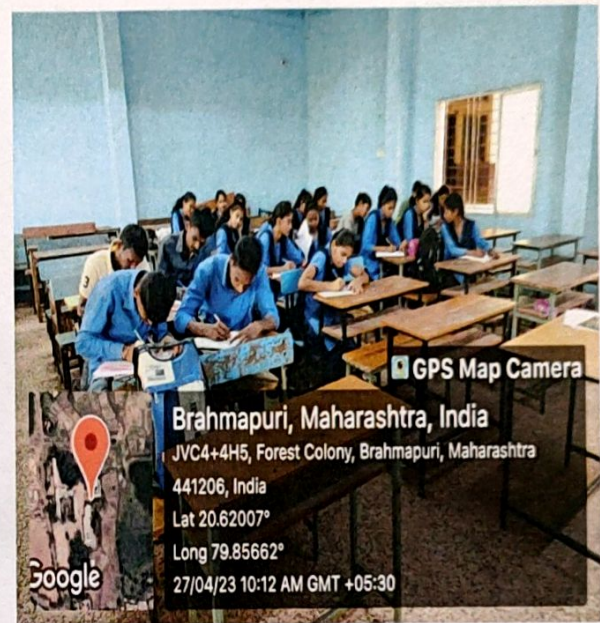
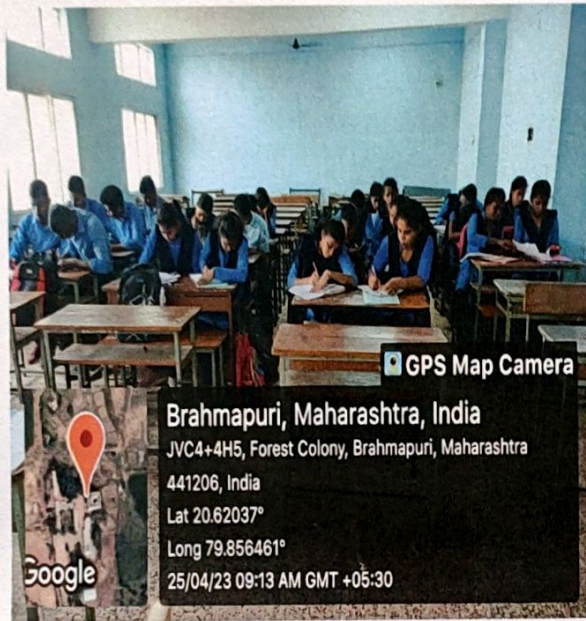
Unit Test I



Nevjabai Hitkarini College, Bramhapuri

Department of Sociology

Unit Test II



Balaji
Balaji G. Damkondwar
Asst. Prof. & Head
Dept. of Sociology
N. H. College, Bramhapuri

[Signature]
Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College Bramhapuri

Department of Sociology

Unit Test

Class: B.A. I (Introduction to Sociology) Date: 18/10/2022

Sr No	Name of the Students	Signature	Marks.
01	Anjali Tularam Nagmoti	A.T. Nagmoti	12
02	Anurika Sudhakar Phaldhan	ANURIKA	10
03	Seema Gopichand Kuvarkar	S.G. Kuvarkar	13
04	Shivani Nandev maini	S.N. maini	12
05	Rohini Ashok Rakhade	R.A. Rakhade	14
06	Mrunali Anandnand sahare	M.A. sahare	13
07	Dipali vilas Ambare	Dipali	10
08	Gakhi Ravi Kuvarkar	Gakhi	11
09	Vrushali Divyanshu Bhagadkar	Vrushali	09
10	Banyarti Arun Buraade	Banyarti	13
11	Jyoti Lalaji Dighole	J.L. Dighole	08
12	Sonu Halodas Daddmal	S.H. Daddmal	12
13	Prerati Gopichand Kuvarkar	Prerati	10
14	Medha Sunil Thakare	Medha	10
15	Pranali Shaikram Naktode	P.S. Naktode	12
16	Pranali R. Gulerkar	Pranali	07
17	Pranali N. Dewari	P.N. Dewari	09
18	Supriya P. Bansod	Supriya	10
19	Shantanao R. Jadhao	Shantanao	14
20	Sahil P. Kharrude	Sahil	10
21	Dipak A. Bedare	Dipak	11
22	Ankit .D. Jengathe	Ankit	12
23	Rupesh G. Thakare	R.G. Thakare	14
24	Sahil .V. Amborkar	Sahil	10
25	Denish C. Shilar	Denish	09
26	Dhruv Chanshyam elichmalakar	Dhruv	10
27	Amesh J. Mundae	Amesh	11
28	Mithun .S. Bute	Mithun	10
29	Pratul .N. Thombare	Pratul	07
30	Sameer .M. Parachi	Sameer	09

Nevjabai Hitkarini College Bramhapuri

Department of Sociology

Unit Test

Class: B.A.I (Introduction to sociology) Date: 18/10/2022

Sr No	Name of the Students	Signature	Marks.
31	Payal Bhanji Kule	<u>P. Kule</u>	15
32	Ritu Ravindra Bysade	<u>R. Bysade</u>	14
33	Jagita Ravi Shingade	<u>J. Shingade</u>	11
34	Saundarya R. Thengari	<u>S. R. Thengari</u>	10
35	Prajakta Nahdu Nagose	<u>P. N. Nagose</u>	14
36	punam homraj Oikay	<u>P. Oikay</u>	15
37	pratiksha Narenhar Mastarsam	<u>P. Mastarsam</u>	14
38	Payal Dadaji Sahase	<u>P. D. Sahase</u>	10
39	Shradha Gulab Nakhate	<u>S. Nakhate</u>	11
40	ACHAL DILAKR RAUT	<u>A. Raut</u>	12
41	Shrawni M. Kamdi	<u>S. Kamdi</u>	11
42	Aapita m Bhandare	<u>A. Bhandare</u>	14
43	Samaudahi N. Banpurkar	<u>S. Banpurkar</u>	16
44	Sakhina V. Misal	<u>S. V. Misal</u>	15
45	Komal Bhaskar Jamode	<u>K. Jamode</u>	11
46	Shivani Digambar Deshmukh	<u>S. Deshmukh</u>	12
47	Sandhy M. Raut	<u>S. M. Raut</u>	13
48	yuvati A. meshram	<u>Y. Meshram</u>	07
49	samiksha m. Naughe	<u>S. M. Naughe</u>	09
50	Darshana Parbhakar Thengbe	<u>D. P. Thengbe</u>	14
51	Rehini Vikas Madavi	<u>R. V. Madavi</u>	07
52	Papita Neerandra Pilare	<u>P. N. Pilare</u>	09
53	sujata B. shasthakar	<u>S. B. Shasthakar</u>	12
54	Naina Arun Bhoysar	<u>N. Arun</u>	14
55	Vaishnavi Dipakraso Ramde	<u>V. D. Ramde</u>	14
56	Jayashri Panchhari Ade	<u>J. P. Ade</u>	10
57	Laxatri Mangesh Chincholkar	<u>L. Chincholkar</u>	11
58	Bharnalika Rajendras Alwan	<u>B. Alwan</u>	10
59	Sabri Anil Masram	<u>S. A. Masram</u>	08
60	Tanaya Suresh Makhaze	<u>T. Makhaze</u>	15

Nevjabai Hitkarini College Bramhapuri

Department of Sociology

UNIT TEST - I

Class: B.A. III

sociology of Tribal society

Date: 17/10/2022

Sr No	Name of the Students	Signature	Marks
1)	Shubhangi Annaji Pilare		13
2)	Achal Yadav Raut	A. Y. Raut	16
3)	shubhangi Dharmendra Panse	S. D. Panse	15
4)	Ketav Tulshadas Patil	K. T. Patil	12
5)	Rohini H. Mohurde	R. Mohurde	12
6)	Shivani Dnyaneshwar Thengave		14
7)	Shubhangi Dadaoji Tulast		15
8)	Puja Naveenji Karmali	P. Karmali	13
9)	Jashna Arvind Mohurde	J. Mohurde	14
10)	Achal Pundlik Warejkar		15
11)	Sayali D. Nimje	S. Nimje	10
12)	Puja Ajeen Jay Zolpe	P. Zolpe	15
13)	Rupali Parthasar Sarmath	R. Sarmath	15
14)	Puja Vinayak Raut	P. Raut	16
15)	Komal Bhiva Sarmath	K. Sarmath	14
16)	Nikita Anil Sonwane	N. Sonwane	11
17)	Digeshwar R. Pilare	D. Pilare	10
18)	Akshay Naedyan Karambe	A. N. Karambe	12
19)	Saurabh Vinod Tamale	S. Tamale	13
20)	vidya krushna Bagmare	V. K. Bagmare	09
21)	Mahesh Ramchandra Bhasakhetre	M. B.	15
22)	Pratik Devdash Martode	P. Martode	07
23)	Pritam Ramharaj Thengave	P. R. Thengave	09
24)	Rahul Yuvraj Pismore	R. Y. Pismore	10
25)	Pratik Haridas Desai	P. H. Desai	11
26)	Sunil moreshwar Chermode	S. M. Chermode	12
27)	Lukesh Devidas Raut	L. Raut	11
28)	Tikaram Gurthar Dishare	T. G. Dishare	10
29)	Vaishnavi Yashwanth Sonwane	V. Y. Sonwane	11
30)	Rohini Ramesh Sonkan	R. Sonkan	10
31)	Shruti Rajeshwar Rang	S. Rang	15
32)	Avantika Jivan Meshram	A. Meshram	09

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST.CHANDRAPUR



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - I/II/III/IV/V/VI

ACADEMIC SESSION

20 23 -20 24

Name of the Student : Jashna Arvind Mohurke

Class: BA III year Section : _____

Subject Sociology

Roll No./Exam Seat No. : _____ Sem VI

Obtained Mark : _____ 05/05

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST. - CHANDRAPUR



CERTIFICATE

DEPARTMENT OF Sociology

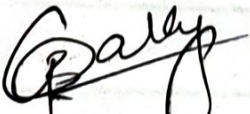
This is to certify that Shri / Ku./ Smt. Jashna

Arvind Mohurke is a bonafide student of

Class BA III year Roll No. _____ He / She has done

Unsatisfactory / Satisfactory / Good / Excellent Assignment work in the subject

In charge Lecture /


Head of the Deptt.

05
05


Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Of Practical

3.

आदिम जमानेतील कायदा आणी न्याय याची
 वयची कुरा.

आधुनिक समाजाने कायदा हेच
 सामाजिक नियंत्रणाचे एक प्रभावी माध्यम आहे
 याबाबत दुमत नाही. प्रत्येक समाजाने अथवा
 देशाने व्यक्तीच्या वतनिवर कायदाच्या माध्यमानून
 निबंध घालून त्या समाजाने एक सुसूतना
 ठेवली आहे. म्हणून आधुनिक समाजाने कायदाच्या
 आसन्न्याची जाणीव सर्वसामान्य व्यक्ती देविल
 नाकारू शकत नाही.

प्रत्येक देशातील प्रत्येक व्यक्तीला
 त्या देशाच्या शासनसंस्थेने केलेल्या कायदांचे पालन
 करवेच लागते. कारण देशाकरीत्या आघातवर
 कायदाच्या अंमलबजावणी करणारी शासनाची
 उभारी प्रशासकीय क्षेत्रात प्रत्येक देशाच्या
 शासनसंस्थेच्या घेते असते. आजच्या काळातील
 गुंतागुंतीची स्थिती असणाऱ्या प्रत्येक समाजाने
 नवीन कायदे तयार करून्याकरिता स्वतः
 कायदेमंडळ असलेल्या न्यायालय प्रशासकीय
 यंत्रणा ही आधुनिक समाजातील प्रत्येक
 शासनसंस्थेची अंगे झाली आहेत.

शोडक्यात, आधुनिक समाजाने शासनसंस्थेच्या
 तीन अंगांशीवाच कायदांच्या आदिमत्व आहे.
 नशाची आधुनिक समाजातील कायदापिछा
 आदिवासी समाजातील कायदांचे स्वरूप
 पूर्णपणे निरुद्धे असते आहे.
 आदिवासी समाजातील कायदांच्या स्वरूपाची
 वयची पुढीलप्रमाणे कृता येईल.

Name Of Practical

३) आदिवासी स्वरूप :-
 आदिवासी समाजातील
 कायद्याचे स्वरूप प्रशास्वरूप आहे. लोकनीती, प्रथा,
 परंपरा यांचे बाबत आदिवासी कायद्याचे प्रमुख
 आधार आहेत. आदिवासी लोक न्याया कायद्यास
 वेगळे शक्तीचे पाठवळ आहे असे समजतात.
 यामुळे कायद्याचे पालन केले तर वेगळे
 कृपाप्राप्ती वीत आणी अलंघन केल्याने
 वेगळे वीत आणी धारणा सर्वसामान्य
 आदिवासी व्यक्तीची असते म्हणूनच आदिवासी
 स्वरूपातील प्रथा, परंपरा यांचे पालन वईनाश
 आदिवासी लोक प्रामाणिकपणे करतात.

२) कौजदारी कायद्याचे प्राबल्य :-
 आधुनिक समाजाने
 आदिवासी समाजात कौजदारी असे कायद्याचे वेग
 प्रकार प्रचलित आहेत. नव्याने आदिवासी समाजाने
 मात्र केवळ कौजदारीय कायदा प्रचलित असून
 नवीन प्रवळ व महत्त्वा मानला जातो.

३) लोकमताचे वैशिष्ट्य :-
 आधुनिक समाजातील कायद्याशी
 तुलना करता आदिवासी समाजातील कायद्याचे
 लोकमताचे वैशिष्ट्य आहे. लोकमताचे वैशिष्ट्य असणे हे
 आदिवासी कायद्याचे मनु लक्षणे आहे.
 लोकमत कायदा आदिवासी कायद्याचा मनु यामध्ये
 असा आधार आहे. आदिवासी समाजाने लोकमताला
 एवढे अनन्यसाधारण महत्त्व का लावले असते याचे
 स्पष्टीकरण पुढीलप्रमाणे करता येईल.

Teachers Signature.....

Name Of Practical

4] अपराध छिंवा गुन्हा व दुल्कृत्य सामधील भेदाया अभाव :
 आधुनिक समाजातील कायद्यान
 गुन्हा उगारी दुल्कृत्य यान पुरकु केला जानो.
 सामान्यपणे जे कृत्य समाजाला अपायकारक
 असते त्या कृत्याची गणना अपराधामध्ये केली
 जाते. परंतु उदादिवासी समाजातील कायद्यामध्ये
 अपराध उगारी दुल्कृत्य यान पुरकु केलाय
 जान नाही.

5] आज्ञासंबंधीचे महत्त्व :-

आज्ञासंबंधीचा प्रभाव
 उदादिवासीय कायद्यात पडलेला असतो.
 उदादिवासी समाज हा प्रकृत आज्ञासंबंधीयांचा समूह
 आहे. या समाजातील प्रत्येक जण हा प्रकृत्या
 जळ जवळ्या उगार दूरया आज्ञासंबंधीयांचा समूह
 असतो असतो. यामुळे या समाजातील कोणत्याही
 व्यक्तीविरुद्धवस्था गुन्हाला प्रत्युत्तर देण्यासाठी
 संपूर्ण समाज प्रकृतीने उभा राहतो.

6] सामूहिक जबाबदारिचे तत्व :-

आज्ञासंबंधीचे महत्त्व
 आदिम समाजाने असल्यामुळे प्रत्येक व्यक्ती ही
 कुटुंब कुल व संपूर्ण जमातीचा प्रकृत अविभाज्य
 व्यक्त बनलेली असते. दुसऱ्या शब्दाने उदादिवासी
 समाजातील प्रत्येक व्यक्ती ही आपल्या जमातीशी
 प्रवर्त प्रकृत झालेली असते ही व्यक्तीला
 स्वतंत्रपणे वागणे जवळपास अशक्य असते
 व्यक्तीचे संरक्षण करणे आणि व्यक्तीला मानमिळ
 उगारिणे इ. सर्व प्रकृत संरक्षण देणे.

Name Of Practical

आदिवासी समाजाने व्यावधानमे कार्य करणाच्या पंचायतीचे
 स्वरूप :-
 भारतीय भातानील बहुसंख्य आदिवासी
 जमातीमध्ये पंचायती आढळून येतात. पंचायती
 म्हणजे आदिवासी जमातीमधील व्यवस्थापन मंडळ
 होय. असे म्हणता येईल. आदिवासी जमातीची
 सर्व शासनव्यवस्था ग्राम व्यवस्थापन मंडळा
 कुरावी लागते. शोष्या शासन आदिवासी
 समाजानील पंचायतींना विविध प्रकारची कार्ये
 कुरावी लागतात. पंचायतीच्या या विविध
 कामांमधील व्यावधानमे कार्य हे सर्वात महत्त्वपूर्ण
 कार्य होय. विभिन्न आदिवासी जमातीमध्ये
 पंचायतींना निरनिराळ्या नावांनी संबोधले जाते.
 शोनकोळी लोक पंचायतींना जमान असे म्हणतात.
 मिलगिरी पर्वतावरील नोडा लोहान पंचायत ही
 समासदमंडळ म्हणून उगोळवली जाते. मध्य प्रदेशानील
 कुमाऊ लोक न्याला ग्रामपंचायत असे
 संबोधतात.
 आदिवासी जमातीमधील प्रत्येक
 पंचायतीचे स्वतः नियम आहेत. प्रभात परपरा डीय
 माणदशक्ति नन्वे असल्यामुळे पंचायतीचे नियम
 उरमिअन स्वरूपाने असतात. पंचायतींना धार्मिक
 शासकीय, न्यायालयीन अशी विविध कार्ये
 कुरावी लागतात. साक्षरि विविध पदाधिकार्यांची
 नियुक्ती केलेली असते. प्रत्येक आदिवासी
 जमातीतील पंचायतीची स्थान निरनिराळी असते.
 पंचायतीतील वडनांश समासद अनुवंशीकुतेव्य.
 तत्वाने हे पद प्राप्त करतात.

Teachers Signature.....

Name Of Practical

7] अपराध्या हेतूकडे दुर्लक्ष :-
 आधुनिक समाजातील
 आदिवासी आयुष्यात सामील होऊन
 महत्त्वपूर्ण आहे. आधुनिक समाजाने सामान्यपणे
 कायद्यान उपलब्ध कोठल्या परीक्षेतील घडला,
 उपलब्धामधील हेतू कोठेनाही वरिष्ठा विद्या
 कुरुन व्यक्तीला शिक्षा दिली जाते पंतु
 आदिवासी कायद्यान मात उपलब्धामधील हेतू
 विद्यालय घेतला जात नाही.

आदिवासी समाजातील न्यायदान पध्दती :-
 आदिवासी कायद्याची
 वैशिष्ट्ये लक्षात घेतली की आदिवासी समाजाने गुन्हे
 होताना ही नाही असता प्रथम प्रथमदर्शनी उपायाने
 होतो. नीतीमूल्ये व वेळी कोप घेण्यामुळे आदिवासींच्या
 मनात श्रमभावना निर्माण होते.

दोषारोप सिद्ध करणाऱ्या दोन पध्दती शपथ
 घेणे व विज्य करणे.
 आदिवासी जमानेमध्ये
 पेचायतीकडे नकास करून पश्चात्या व्यक्तीविरुद्ध
 गुन्हेगार म्हणून अंगुलीनिर्देश केला जातो.
 पेचायतीकडे नकास आल्यानेतर त्या व्यक्तीविरुद्ध
 आरोप शाबिन होणे आवश्यक असते.

8] शपथ घेणे :-
 न्यायदानाच्या पध्दतीत शपथ
 महत्त्व अनन्यसाधारण आहे पंतु प्रत्येक
 गुन्हांत साक्षीगार प्रार्थन होतोच असे नाही.

Name Of Practical

2 दिव्य कुणः
 अशेषीला आपले निदोषित्व
 मिहद कुरव्यासाठी पेशायनीत्या उदिशानुमा
 फारय मोक्षा व अवध उशा परिदा व्याव्या
 लागतान गुन्हेगाला दोषी अत्रेव तला
 अवध परिमाया मरणेय दिव्य कुरव्याथा
 विलक्षण ताम अलिपीला होने
 फारण देवी शाकनी गुन्हेगाला दमा
 कुटीन नाही अशी तयाची वाम समजून असने

Teachers Signature

Teachers Signature.....

Name Of Practical

प्र. 2 जावूलेगाविरोधी कायदयाचे विश्लेषण करा.

1) भून उतरविगाच्या वहाव्याने प्रथादया व्यक्तीला दोषाने किंवा आखळीने बांधून ठेवून निवा मात्तान करणे, काठिणे किंवा बाहुवाने मात्ताने निवा पादगाने भिजविलेले पाणी ज्यादला लावणे मिस्त्रीची खुती देणे त्या व्यक्तीला घनाला टांगणे त्याला दोषाने किंवा केसांनी बांधणे किंवा त्या व्यक्तीचे कुत्रे उपरणे व्यक्तीच्या शरीरावर किंवा अवयवांवर नापलेल्या वस्तूचे चढे देवून इजा पोहचविणे व्यक्तीला उघड्यावर लोंगिक कृत्य करवयाची जबरजस्तीने करणे व्यक्तीवर अमानुष कृत्य करणे व्यक्तीच्या तोंडाने जबरजस्तीने मूत्र किंवा विष्ण घालणे किंवा यादयाच्या शिठान्याही कृती करणे.

2) प्रथादया व्यक्तीने नशाकुचिन चमकु ल्काराच्या प्रयोग प्रदर्शिन करून त्या खोटे आविष्कृ प्राप्त करणे आगी अशा नशाकुचिन चमकु रोषा प्रचार व प्रसार करून लोभाना पुद्भवणे लुचणे आगी लोभ्यावर दशहन बद्धविणे.

3) अलौकिक शक्तीची कृपा मिळविण्याच्या हेतूने ज्यामळे जीवाला धोका निमणि होतो किंवा शरीराला जीवघेण्या पथमा होताने अशा अमानुष अनिष्ट व अघोशी प्रयोगे अवलंब करणे आगी प्रयोगे अवलंब करवयाझ प्रवृत्त करणे, उन्नेजणे देणे किंवा शक्ती करणे.

Teachers Signature.....

Name of Practical

4] मौल्यवान् वस्तु, गुण्णं चान् सुमणिं जलस्तोत्रेण
 मोक्ष्या शीघ्रं येषाम्ना कदाचान् वा नक्षत्रम्
 कुलगान् कुर्यान् भानामनी च। नावान् केनेनेही
 अमानुषं अनिलं व अद्योशी कृत्य आगि
 जादूलेगा कुरो आगि जाण मांठ मोक्ष्या
 नावान् व त्याझाल्या अव्य कुलगान् नक्षत्रं
 देगे किंवा देव्याया प्रयत्न कुरो किंवा
 अशी अमानुष कृत्ये कुरोयाया मन्त्रा
 देगे त्याकुरिना प्रयत्न कुरो अथवा
 प्रोन्साहन देगे।

5] आपल्या अंगान् कर्तरीद्वयं शक्तीं असन्त्याने
 भासवून अथवा प्रखाव्या व्यक्तीन् अनीद्वय
 शक्तीं संघाली असन्त्याया अभास्य निमणि
 कुलन् इतरेष्या मनान् शिनी निमणि कुल
 किंवा त्या व्यक्तीने आगणे न ऐकल्यास
 वाईट परिणाम होनील अशी इतरेना दमडी
 देगे फुसवणे व ह्नुवणे।

6] प्रखादीं विशिष्ट व्यक्तीं कुर्यां कुले, जादूलेगा
 कुले किंवा भून् आवने किंवा मंत्रनेत्राणे जनषरांये
 दुव्य आत्वेने असे सांगून त्या व्यक्तीबाबत
 नशी समजून निमणि कुरो किंवा त्याप्रमाणे प्रखादी
 व्यक्ती उष अपशकुणी आहे किंवा रोगराई
 पक्षव्यास कुलीभून् इरगाली आहे असे भासवणे
 अशा व्यक्तीने जागणे मुश्किल कुले तामदायक
 कुले वा कुलीन कुरो व प्रखादी व्यक्ती अनेान
 असन्त्याने किंवा नी सैतानाया अथवा असन्त्याने
 जाहीर कुरो।

Name Of Practical

७] जाशमाराण करणी छिवा चेल्लु कुल्याया नावाचली
 प्रवाद्या व्यक्तीला मारण करणे, निघा लग्नाअवस्थेन
 धिंड काळो, छिवा निघ्या शेजच्या अवकाशवर
 वेदी घालणे.

८] मेताच्या सांगच्याने भून दिशांच्याना आवाहन
 कुल्लु छिवा भून पिशाच्याना आवाहन कुलीन
 अशी धमळी देऊन सर्वसामान्य जनतेच्या मनान
 धवटाट निमणि कुलो प्रवाद्या व्यक्तीला शाशितिकु
 रजा होव्याय भूनया छिवा अनीद्विय शक्तीया
 कोप असल्याया समज करण देणे

९] कुता, झाप छिवा विंगू यावल्याय प्रवाद्या
 व्यक्तीला वेदयकीय उपचार घेव्यापासून रोखून
 छिवा पुनीवेद्य कुल्लु न्याप्रिषजी मेतनेत्र गंडेघोटे
 छिवा यासाखे उपचार कुलो.

१०] बोलने शस्त्रक्रिया कुल्लु दाखवतो असा दावा कुलो
 छिवा गभविनी श्लीया गभचि लिंग बदल कुल्लु
 दाखवतो असा दावा करणे.

११] को स्वतःन विशेष अलौकिक शक्ती असल्याने अथवा
 कुणाच्यानती अवनाए असल्याने वा स्वतःच पवित्र
 आत्मा असल्याने भासवून छिवा न्याच्या जाकी
 लागलेल्या व्यक्तीस पूजिनी नू पळी पती वा
 प्रेयसी प्रियकर होता असे सांगून अशा व्यक्तीशी
 लौकिक संबंध ठेवणे.

Name of Practical

४. आदिवासीमधील विविध चळवळींचा आढावा घ्या

⇒ आदिवासी समाज हा भारतीय जनजीवनापासून प्रादेशिक व सांस्कृतिक दृष्ट्या अलिप्त व वेगळ आहे. त्यामुळे आदिवासींच्या आणि आदिवासीमधील शैलकुऱ्यांच्या चळवळी बऱ्याच जुन्या आणि नागरी समाजपेक्षा वेगळ्या आहेत. अज्ञान अंधश्रद्धा निरक्षरता, दारिद्र्य वेकाली अस्वच्छता जंगल, कुर्वाजारीपणा आणि शोषणाच्या यंत्रणे हा समाज भरून निघाला आहे.

✓ भारतीय आदिवासी चळवळ :-

भारतीय आदिवासी चळवळी १९७३ च्या अख्यमनानुसार भारताने ३६ आदिवासी चळवळी होत्या. त्यातील १५ चळवळी त्या उत्तर पूर्व भारतीय होत्या व त्या वडोदारी राजकीय चळवळी होत्या. पूर्व भागाने झालेल्या ७ चळवळी पैकी एक चळवळीने स्वतंत्र आरखंड राज्याच्या मागणीसाठी चळवळ केली. मह्य भारताने भगन चळवळ व गोंड आदिवासींची राजकीय चळवळ झाली. पश्चिम भारताने मिळोपी भगन चळवळ उभा राहिली.

आदिवासींच्या स्वातेच्यलढा :-

प्रश्न जोगटाएवे मोठे आहेत. पणने सोडवि व्यासाही कोणी प्रामाणिक प्रयत्न केले नाहीत.

Teacher's Signature _____

Name Of Practical

ब्रिटिश राज्यकृत्यानी आदिवासीना जाणविपूर्वक इ
 ठेवले. देशातील शास्त्रीय चळवळीनेही आदिवासीना
 फारसे लक्षान घेतले नव्हते. खरे नस इंग्रजाविरुद्ध
 सर्वप्रथम शास्त्र आदिवासीना उपबले हीने व
 श्वानंत्थात्या चळवळीन आदिवासीना फार
 मोठा न्याय केला हीना.

1) सैथालोर्गी चळवळ :-

सन 1855-56 मध्ये ब्रिटिश वसाहनवादविरुद्ध सैथाल व मुंडा आदिवासीना
 आपले रक्त सोडविले या विरोध्या उभ्याही
 मोठ्या प्रमाणान कुख्यात आला. ब्रिटिश शासनाने
 त्याला कपून टाकण्याचा प्रयत्न केला. न्यायाधी
 ब्रिटिशोर्गी आपले कक पणाला लावावे लागले
 किन्त्येक हजार सैथाली न्यान वळी पडले.

2) बोडो चळवळ :-

बोडो म्हणजेच कुछाटी लोक
 असून ते आशियातून येवून ब्रह्मपुत्रेच्या खोल्यात
 येवून राहू लागले. अशी एक आख्ययिका आहे.
 नराच्या शतमान अहिम या लोकांनी त्यांना
 त्या क्षेत्रातून इमकावून लावले व त्यांच्या
 लग्ना तीन शतके चालत्या असे सांगितले जाते
 निपून त्यांना पुन्हा मैदाना भागान जाण्यास
 भाग पाडले. अशाप्रकारे इमकावून लावलेल्या
 बोडो आदिवासीना कुछाटी पहाडाच्या पहाडी
 भागावर आपले राज्य स्थापित केले त्यांची
 राजधानी गुवाहाटी येथे हीना.

Name of Practical

3] इमारतवेड - चळवळ :-

स्वानंतंत्र्यपूर्व काळाप्रमाणे स्वानंतंत्र्योत्तर काळानही आदिवासीना आपले राजकीय हक्क आणी अधिकारांसाठी लढे दिलेले आहेत. त्यानील विठ्ठलमधील आदिवासीना 'इमारतवेड' या आपल्या निराळ्या राज्यासाठी लोकसभेक उभारी केलेली दिसते. सन 1946 मध्ये आदिवासी महासभा संघटित झाली.

4] नागा आणी मिझो चळवळ :-

मिझो आदिवासींची चळवळ ही नागा आणी कारणोसाठी होनी. यांचे दारिद्र्य व मागासलेपण हे इतर आदिवासीप्रमाणे आहेत. त्या आदिवासीना द्रिष्टीविशेष श्वनेत्र राज्यासाठी लढा दिला आहे. स्वानंतंत्र्य काळानही आदिवासीना आपल्या राजकीय हक्क आणी अधिकारांसाठी लढे दिले आहेत.

5] शिनकुली - आदिवासी संयुक्त चळवळ (एचडी ओदीवन)

⇒ ग्रामीण शिनकुली यांचे दारिद्र्य व मागासलेपण हे आदिवासींसारखेच आहे. राजस्वानमधील मेवाड भागानु शिनकुली व आदिवासी यांचे शोषण आणी अन्यायार पिढ्यानपिढ्या सुरू लेने. उफमपूर जिल्हानील शाडोलजवळच्या कुत्याशी येथील श्री मोनीलाल नेजावन यांच्या नेतृत्व अशा शोषितांचे संयुक्त ओदीवन न्याय झाले.

Name Of Practical

6] विरसा मुंडा चळवळ :-
 भारतानु कारी आदिवासीना
 आपले स्वतंत्र आदित्व व ओळख कायम
 राखण्यासाठी 18 व्या व 19 व्या शतकापासून
 ज्या चळवळी उभारल्या त्यान आदिवासीया
 विरसा मुंडा चळवळ ही एक प्रमुख चळवळ
 आहे

7] आरवार आंदोलन :-
 इ.स 1930 मध्ये विहाय्या
 आदिवासी क्षेत्रान भारतीय राष्ट्रीय काँग्रेसच्या
 नेतृत्वान वन अध्यागृह चालविले गेले.
 त्या आंदोलनाचा उद्देश आदिवासींचे जंगलातील
 परंपरागत अधिकार वापट मिळविणे हे होते.
 इंग्रजांवोटे इमारती लाफड व अन्य वन (अपत्ती)
 संकुलनासोबतच अधिकार सोपविण्यात आले होते.

महाराष्ट्रातील आदिवासी चळवळ :-
 स्वतंत्रतेपूर्वी व
 सुधारणा घडून देण्याचे कार्य अनेक
 सामाजिक कार्यकर्त्यांनी केले आहे.

1) देवी चळवळ :-
 महाराष्ट्र आणि गुजरातमध्ये
 सन 1920 च्या दरम्यान देवी चळवळ उभारली
 वसई प्रांतातील काही मंगला कुळी
 आदिवासींमध्ये काही क्रियांच्या आंगान देवी आत्म्याचे
 दिव्यून आले.

Name of Practical

२] भगन चळवळ :-

विभाष्या शतकनील एक महत्वपूर्ण सुधारणावादी चळवळ म्हणून गोविंदगिरी यांचे भगन आंदोलन महत्वपूर्ण आहे. धर्मपरिवर्तन योषाविषयाच्या उपशाने न्यायी विश्वन मिशनच्या विश्व आवाज विला.

३] कृषी व जंगलांवर आधारित चळवळी :-

आदिवासी जमातींच्या शैवमनि आपण जेव्हा कोणतीही चर्चा केली तेव्हा त्यांच्या अर्थव्यवस्थेत आपण दोन भागाने विभाजीत करतो. पहिला भाग जंगल आगी दुसरा भाग कृषी होय.

४] आमच्या गावान आमचे राज चळवळ :-

सन १८९७ च्या शुमारास गडचिरोली जिल्हानील चानोरा नाळप्यानील लेखा मेळा वा माडियागोडवडल वरुनीच्या गावान आदिवासींवर होणारे उपाय मुक्ती आगी श्यामिकु विभाष्याणी आदिवासींचे आंदोलन उमे शाहिले यांचे नेतृत्व श्री क्वानी नोफा या श्यामिकु आदिवासी नेल्याने केले.

Name Of Practical

प्र. 4 आदिवासी समस्या का कारण स्पष्ट करा,

आज का औद्योगिक युग मानवाभि शैली
 वैज्ञानिक प्रगति विविध सुविधाओं शैली सोव
 श्यादी वार्ड लक्षान हीना. भारतानील 8.08 %
 आदिवासी अज्ञानी प्रांमिक अक्षमनील
 जीवन जगतान, हू डोगन्याही अमाजाला भूषावर
 नाली. म्हणूनच उक्कलाप्या म्हणतान.
 उतापण जर योग्या गैमीरपणे कियार
 कुला तर भारतानील आदिवासीया आमाजिक
 व आदिपि कुंवा भौनिक आणि नैतिक
 सुधारणा कुरव्याया प्रश्न कुनी किउट उगाही
 निकटीचा आहे हू उतापल्याला समजून येईल.

ii आदि दुग्ध निवासस्थान :-

भारतानील वडनेकु
 आदिवासी जमानी आनिशय धनदाड अरव्यान
 कुंवा दुग्ध भागानील डोंगर वन्याखो-यांया
 भागान शाहान अशा दुग्ध आदिवासी क्षेत्रान
 दळगवळोंया अथवा वाहनुकीया डोगनीही आधने
 नसतान. पावसाळतल्या दिवसान तर तीन-चार
 महिने सभ्य अमाजारी सेपकुय नुदने.
 न्याये विश्वशुद्धा न्याया निवासाया पेयकोशीया
 मयदितय उअने. न्यामूळे आद्यनिक नेतजानाया
 ओळख न्यांना शैलीही नाही. न्यामूळे आपल्या
 परंपरागत पध्दतीनेय हू आपले जीवन व्यक्तीत
 कुरतान. दुग्ध अमाजामूळे अन्य अमाजान
 शकिल्या जाणाया विठामु योजना अंमकि न्यायायती
 पोखन नाही.

Name of Practical

२) विक्रमिन् समाजार्थी संपत्तुः

अमर्यानिमित्तीये अस्मिन् महत्वाये काले मरणे
 आदिवासी समाजान्
 आधुनिक विक्रमिन् समाजार्थी न्याया आलेख
 संपत्तुः हे लोक अन्तार्थी लोक स्तीमन्
 जमीनदार सुशिक्षित हिंदू व अशिक्षित धर्मप्रसारक
 शास्त्रार्थी न्याया संपत्तु आला व त्या
 संपत्तुन मरणेय संस्कृतीकुरणाया प्रियेनून
 अनेक संस्कृतिकु नये आदिवासी
 जमनीच्या लोकांनी आत्ममान केली व आपल्याही
 जीवनाया तो एक भाग मानला कोणत्याही
 समाजाने नवीन संस्कृतिकु नयेया रक्षितार
 कुला नू न्याया मूळ संस्कृतीतील अव्य नत्याशी
 कायत्तिकु संबन्धान उरावा निमणि ठोणे
 आवश्यक अने आदिवासी समाजान्मुद्रया
 याम् नत्याप्रमाणे विक्रमिन् समाजार्थी आलेख्या
 संपत्तुमूळे एक नवीन अमर्या निमणि झाली
 आदिवासींनी सामाजिक पुनिष्ठा मिळविण्यासाठी
 विक्रमिन् समाजार्थी जीवनपद्धती उचलली
 परंतु त्यांनी आपली पूर्ण संस्कृती पूर्णतः
 सोडली नाही, नयेय नवीन संस्कृतीया पूर्णतः
 रक्षितारही केला नाही.

३) वाक्य समूहाद्वारे ठोणारे शोषणः

आदिवासी
 समाजान् न्याया संपत्तु आलेख्या वाक्य समूहाद्वारे
 ठोणारे शोषण व न्याया अमर्यानिमित्तीया
 महत्वाया भाग अस्मिन्

Name Of Practical

त्यांचे आर्थिक शोषण कुरणारा प्रभु कवि न्याया
 क्षेत्राने आढळते. मुद्राप्रधान अर्थव्यवस्थेमुळे
 आदिवासींच्या अज्ञानामुळे फायदा घेवून व्यापारी
 दलाल ठेकेदार त्यांना उध्विनाने वा कानिबि
 शायकार लोका हे आदिवासींना लंगामाच्या
 पकी कुर्ज वेऊन पीडून आल्याविरोधर दामदुष्यट
 कसूल कुरणाने उत्पादनाची साधनेप मयगीन अज्ञानामुळे
 वेळेवर कुज्याची फेड न आल्यास कुज्याने कुर्ज
 असे कुज्याचे दुस्यक्र अनन चाललेले असेने
 ठेकेदार हे आदिवासी समिडोना वेळवितारीय
 धरून शोषण कुताने व्यापारी मध्य, चारकी
 डिंग नेहपानाची नोड व लोबूची नोड मिळव्या
 मोषवल्यान कुरून भत्तमाड नफा कुमुवनाने
 तदीही आदिवासींना प्रन पडतो ही मिठाशाळी
 उपयुक्त परतु चारकीच्या लवल्यान व्यापारी
 कुशा काय देतो. जंगल अधिकारी शासकीय
 नियम वाचवून कुिवा जवळरतीने त्यांच्या हक्कावर
 गदा आणून शोषण कुरणाने

2) विकसित समाजाची संपर्क

आदिवासी समाजाने
 समरथा निमितीचे पुसरे म्हत्वाचे फाळण म्हणजे
 आधुनिक विकसित समाजाची त्यांच्या आलेला संपर्क
 हे होय. शेताधारी लोका स्तीमंत जमीनदार
 शुशीक्षित हिंदू व ख्रिती धर्मप्रसारक यांच्याशी
 त्यांचा संपर्क आला व त्या संपर्काने म्हणजेच
 संस्कृतीकरणाने प्रक्रियेनून अनेक सांस्कृतिक
 नवे आदिवासी जमातीच्या लोकांना उपान्मज्ञान कुेसी

Name of Practical

व आपल्याही जीवनाचा नो प्रकु भाग मानला
 कोणत्याही समाजाने नवीन संस्कृतीक नवे
 आविष्कार जमातीच्या लोकांनी आत्मज्ञान कुली
 व आपल्याही जीवनाचा नो प्रकु भाग मानला
 कोणत्याही समाजाने नवीन संस्कृतीक नव्याचा
 शोकार कुला नर न्याया मूळ संस्कृतीनील
 अन्य नव्यांशी कायमिनु संवधान पुरावा निमणि
 होणे आवश्क असते. आविष्कारी
 समाजानुप्रधा यम्य नवाप्रमाणे विकसित
 समाजाशी अलिण्या संपकमिके प्रकु नवीन
 समस्या निमणि शाली.

3) वाक्य समूहाद्वारे होणारे शोषण :-

आदिवासी
 समाजाने त्यांच्या संपकनि अलिण्या वाक्य
 समूहाद्वारे होणारे शोषण व त्यांच्या समस्यानिधितीच्या
 महत्वाचा भाग आहे. त्यांचे आर्थिक शोषण
 पुरातन प्रकु कश्चि त्यांच्या क्षेत्रान आढळतो
 मुद्राप्रधान अर्थव्यवस्थेमुळे आदिवासींच्या अज्ञानाचा
 फायदा घेऊन व्यापारी दलाल हेडेवार त्यांना
 पुरविताना या कार्नील सावकार लोक हे आदिवासींना
 हंगामाच्या वेळी कुर्ज घेऊन पीडु आल्यावेतोष
 वमदुप्यट वसूल कुरतान. उत्पादनाची साधनेच
 मयगिदिन असल्यामुळे वेळेवर कुर्जिचे फुड न
 आल्यास कुर्जिन कुर्ज अस कुर्जि दुल्ल्यक
 अनन चाललेले असते. हेडेवार हे आदिवासी
 समिकुंना वेणवगाटीस धरून शोषण कुरतान
 व्यापारी मध्य चारोळी डिंग नेई पानाची नोड व

Name Of Practical

मिठाव्या। मोठवल्यान करून भरमसाठ नफा कुमावतान नदीही आदिवासींना प्रश्न पडतो ही मिठासारखी उपभुक्त वस्तू चाशिकीच्या वदल्यान व्यापारी कुया काम देतो जेजाल अधिकारी शासकीय नियम दाखवून पुंवा जबरजस्तीने न्याच्या हक्कोवर गदा आणून शोषण करताना.

१) नवीन प्रशासकीय व्यवस्था :-

स्थानेत्यपूर्व काळानील ब्रिटिश राजवटीपासूनच एका नवीन प्रशासकीय व्यवस्थेची आदिवासींच्या संबंध येवू लागला. स्थानेत्योन्तु काळानही भारतीय शासनसंस्थेच्या आदिवासी समाजारा संबंध येन आहे. ही सर्वज मेडकी सेव्ह असल्यामुळे त्यांच्या सेपकट्टिन आदिवासीसंबंधाचे वेळवेळी आखलेले व कार्यवाहीन आणलेले शासनसंघे चोरण यामुळेही आदिवासींचे जीवन विस्कळीन झाले आहे. त्याच्या जीवनातील हह साहचर्यवि जबरजस्त आधान झाला आहे.

१) ब्रिटिश सरकारच्या जडानविषयक चोरणाने आदिवासींचे वारुचे व्यसन नर वाढलेचे पण त्यामबलेवर त्यांना श्वनः न्या पददतीने दाद निमळि करणे उपायिक्त दृष्टीने न पशवडल्याने ते दासुव्यक्तडे खेबले जान आहेत.

२) ज्या लोकोमध्य आदिवासींकडन शहानुभूती कुणव नसते नसेच त्यांना समजून घेव्याची पुवृत्ती नसते. अशा लोकांच्या निधुती आदिवासी क्षेत्रानील अधिकारी म्हणून कुली जाने.

Name of Practical

३] 'अपहरण विवाह' इंडियन पिनल कोडव्हात पुण्यात ब्रविष्यान उभाला आहे. त्यामुळे वधूमूल्या वेळाने शकुठाच्या नदणोभूमोत प्रश्नच उभा राहिला. अपहरण विवाहाची पध्दत वाटने निनकी भयेंकुट नभने.

४] आदिवासींचे शोण व समारंभ म्हणजे न्याय्या परमोच्च आनेदाने मण आहेत. पण न्यायी जणा आवष्ययि वाजार व जगा योनी घेतलेली आहे.

५] आदिवासींना दिले जाणारे शिक्षण व शिक्षणपध्दती यामुळे आदिवासींना फायदा झालेला नाही. 'इशार्ड' व इतर अन्य आदिमांच्या उदाहरणांवरून स्पष्ट होणे की हे शिक्षण न्याया शिक्षण न्याया उपकारु नसून अपायकारु आहेत.

६] ब्रिटिश राजकुन्यांनी शूरु केला न्यायालयीन व्यवस्था आदिम जीवन विकुळीत फुण्यास कारणीभूत ठरली आहे.

७] श्रैस्नी धर्मप्रश्न धर्मप्रियाळीना आदिवासींतील प्रभाव आदिमांना उपकारु ठरलेला नाही. न्याया श्यधमयि त्याग कुलाय पण ते न्याया उपेक्षा कुल बाणले.

Gondwana University, Gadchiroli
B.A.I Semester - II
Session 2022-23
INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Introduction to Sociology

Center: Nevjabai Hitkarini College Bramhapuri

Town Code: College Code:

128

328

S N	Name Of The Students	Internal Assesment Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
1	ADE JAYSHREE PANDHARI	7	5	5	17
2	ADE SHUBHAM ISHWAR	3	5	5	13
3	AMBONE DIPALI VILAS	3	5	5	13
4	BANPURKAR SAMRUDDHI NARENDRA	10	5	5	20
5	BANSOD SUPRIYA PURUSHOTTAM	7	5	5	17
6	BARDE KETAN DILIP	3	5	5	13
7	BEHARE SUHANI DATTU	3	5	5	13
8	BHAGADKAR SARGAM MAROTI	7	5	5	17
9	BHAGADKAR VRUSHALI DIWAKAR	10	5	5	20
10	BHANARKAR NAINA KAMLESH	3	5	5	13
11	BHOYAR NAINA ARUN	10	5	5	20
12	BHOYAR PRATIKSHA DIWAKAR	7	5	5	17
13	BHUTE MITHUN GANGADHAR	3	5	5	13
14	BURADE ASMITA EKANATH	7	5	5	17
15	BURADE PRANJYOTI ARUN	10	5	5	20
16	BURADE RITU RAVINDRA	10	5	5	20
17	CHAUDHARI MONAL VILAS	7	5	5	17
18	CHICHMALKAR DHIRAJ GHANSHYAM	4	5	4	13
19	CHICHMALKAR SAURABH PURUSHOTTAM	3	5	5	13
20	CHINCHOLKAR GAYATRI MANGESH	10	5	5	20
21	DADMAL SONU HARIDAS	10	5	5	20
22	DADMAL VIKKI DILIP	3	5	5	13
23	DANI TRIVENI PRASHANT	4	5	4	13
24	DESHMUKH SHIVANI DIGAMBAR	7	5	5	17
25	DESHMUKH SUDHIR RAMESH	3	5	5	13
26	DEWARI PRANALI NARHARI	7	5	5	17
27	DHAKATE ROSHAN SUDHAKAR	3	5	5	13
28	DHORE KARISHMA LAXMAN	7	5	5	17
29	DHORE PRAMOD DIGAMBAR	3	5	5	13
30	DIGHORE PUNAM BHASHKAR	3	5	5	13
31	DONADKAR PRANAY KESHAO	3	5	5	13
32	DUDHKULE PRACHI ANIL	3	5	5	13
33	GAWANDE MAYURI INDRAJIT	3	5	5	13
34	GURNULE SNEHA BHASKAR	7	5	5	17

Gondwana University, Gadchiroli

B.A.I Semester - II

Session 2022-23

INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Introduction to Sociology

Center: Nevjabai Hitkarini College Bramhapuri

Town Code: College Code:

128

328

S N	Name Of The Students	Internal Assesment Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
35	KAMDI MAHENDRA BHANUDAS	10	5	5	20
36	KAMDI PRASHANT MACHHINDRA	10	5	5	20
37	KATEKHAYE MINAKSHI SHRAWAN	7	5	5	17
38	KESHARWANI SAURABH RAMESH	10	5	5	20
39	KULE PAYAL BHAUJI	7	5	5	17
40	LAKADE NILESH MANGARU	3	5	5	13
41	MADAVI ROHINI VIKAS	10	5	5	20
42	MAIND RAKSHA UTTAM	4	5	4	13
43	MAIND SHIVANI NAMDEO	10	5	5	20
44	MAKHRE TAYANA SURESH	8	5	5	18
45	MASRAM SALONI ANIL	10	5	5	20
46	MATERE KOMAL DEVENDRA	3	5	5	13
47	MESHARAM APEKSHA MANOJ	3	5	5	13
48	MESHARAM BHAGYAWAN DAKHARAM	3	5	5	13
49	MESHARAM HRUTUJ HIRALAL	3	5	5	13
50	MISAR SAKHINA VIKAS	10	5	5	20
51	NAGOSE PRAJAKTA NANDU	10	5	5	20
52	NAKHATE SHRADDHA GULAB	10	5	5	20
53	NANNAWARE AJAY DINKAR	10	5	5	20
54	NANNAWARE ANJALI BHOJRAJ	3	5	5	13
55	NANNAWARE SHRUTI CHANDAN	10	5	5	20
56	NAWGHADDE SAMIKSHA MAROTI	10	5	5	20
57	NYALEWAR RUPALI SANJAY	10	5	5	20
58	PARDHI SAMEER MADHAV	3	5	5	13
59	PILARE PAPITA NARENDRA	7	5	5	17
60	PILLEWAN SHRADHA RAJENDRA	3	5	5	13
61	PONALWAR GANESH SANTOSH	3	5	5	13
62	PRADHAN KRUTIKA SUDHAKAR	10	5	5	20
63	PRADHAN PUNAM DAULAT	3	5	5	13
64	RAMDE VAISHNAVI DIPAK	7	5	5	17
65	RAMTEKE AMAN ASHISH	3	5	5	13
66	RAUT ACHAL RAMCHANDRA	7	5	5	17
67	RAUT SAMIR GULAB	7	5	5	17
68	RAUT SANDHYA MADHUKAR	10	5	5	20

Gondwana University, Gadchiroli
B.A.I Semester - II
Session 2022-23
INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Introduction to Sociology

Center: Nevjabai Hitkarini College Bramhapuri


Town Code: College Code:

128

328

S N	Name Of The Students	Internal Assesment Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
69	SAHARE PAYAL DADAJI	7	5	5	17
70	SAHARE SANJIVANI SHANKAR	10	5	5	20
71	SAHARE SHWETA RAJKUMAR	3	5	5	13
72	SHETHIYE VEER VINOD	10	5	5	20
73	SHIURKAR NIHAR NILKANTH	3	5	5	13
74	SHIURKAR VISHAL SHESHRAO	3	5	5	13
75	SONWANE ANJALI ANKUSH	3	5	5	13
76	THAKARE RUPESH GHANSHYAM	3	5	5	13
77	THAKUR MONI PURANSING	10	5	5	20
78	THENGARI SAUNDRYA RAJENDRA	10	5	5	20
79	THOMBARE PRAFUL NARESH	8	5	4	17
80	TODASE TEJASWINI KAILAS	4	5	4	13
81	UIKE PUNAM HOMRAJ	10	5	5	20
82	VIKHAR ASHISH HARISHCHANDRA	3	5	5	13
83	WADHANKAR AJAY SHESHRAO	3	5	5	13
84	WANDHARE RAHUL JAYKAR	3	5	5	13

Date :


Balaji G. Damkondwar
Head, Dept of Sociology


Principal
Off. Principal
N.H. College Bramhapuri
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Gondwana University, Gadchiroli

B.A.II Semester - IV

Session 2022-23

INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Social Problems in contemporary India

Center: Nevjabai Hitkarini College Bramhapuri

Town Code: College Code:

128

328

S N	Name Of The Students	Internal Assesement Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
1	AWASARE MINAL RAJU	3	5	5	13
2	BARDE KAJAL RAMANAND	7	5	5	17
3	BAWANE PUNAM RAJESHWAR	3	5	5	13
4	BAWANKULE SUPRIYA TARKESHWAR	7	5	5	17
5	BHAGADKAR MAYUR GANESH	10	5	5	20
6	BHANARKAR SALONI VITHOBA	4	5	4	13
7	BHUSARI SIMRAN VISHNU	4	5	4	13
8	BURADE SAURABH SAIDAS	10	5	5	20
9	BURADE VISHAL PRAKASH	7	5	5	17
10	CHAUDHARI SHUBHAM YADAV	10	5	5	20
11	DARVE SATISH ISHWAR	3	5	5	13
12	DESHMUKH PRAGATI SUBHASH	7	5	5	17
13	DHORE GAURAV PRAKASH	10	5	5	20
14	DHORE NIKHIL GHANSHAM	10	5	5	20
15	DHORE NILIMA PUNDALIK	10	5	5	20
16	DHORE PRASHANT RAMAJI	3	5	5	13
17	DHORE RAVINA MAHADEO	10	5	5	20
18	DONADKAR SONALI DEORAO	3	5	5	13
19	GADE SONALI GANPAT	10	5	5	20
20	GURNULE JUHI BHASKAR	10	5	5	20
21	KAMADI RUKESHNI RAJESH	7	5	5	17
22	KAMBALE PRIYA ANIL	10	5	5	20
23	KAMDI VAIBHAV DILIP	3	5	5	13
24	KAWALE SHRIKANT SAKHARAM	3	5	5	13
25	KHARKATE BHUPALI RAVINDRA	3	5	5	13
26	KHOBRADE PRACHI KALIDAS	3	5	5	13
27	KOLTE GUNABAI RAJU	10	5	5	20
28	KUMARE VISHAKHA SURESH	10	5	5	20
29	LONARE RADHIKA SUNIL	10	5	5	20
30	MADAVI ACHAL MANIK	10	5	5	20
31	MAIND PALLAVI YOGESHWAR	7	5	5	17
32	MENDHE MAYURI YOGES	3	5	5	13
33	MESHARAM BHUSHAN PURANDAS	3	5	5	13
34	MESHARAM PRACHI KAGADRAO	10	5	5	20

Gondwana University, Gadchiroli
B.A.II Semester - IV
Session 2022-23

INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Social Problems in contemporary India

Center: Nevjabai Hitkarini College Bramhapuri

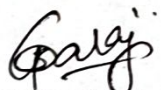
Town Code: College Code:


128

328

S N	Name Of The Students	Internal Assesment Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
35	MISAR ARPITA GOPINATH	3	5	5	13
36	NAGMOTI MAYUR NILKANTHA	3	5	5	13
37	NAGOSE PRIYANKA NANDU	3	5	5	13
38	NAGPURE GAURAV MADHAV	3	5	5	13
39	NAITAM NIKHIL RAMESH	10	5	5	20
40	NAKTODE TIRTHA NAMDEO	3	5	5	13
41	NARULE PAYAL SANJAY	3	5	5	13
42	PILARE JYOTI DASHARATH	7	5	5	17
43	PILARE PRANALI DIWAKAR	3	5	5	13
44	PRADHAN SAURABH PRAKASH	3	5	5	13
45	PRADHAN YAJMAN NARESH	3	5	5	13
46	RAMTEKE PRAGATI RADHESHYAM	7	5	5	17
47	RAMTEKE VANITA MAROTI	10	5	5	20
48	RAUT KARISHMA VASUNDHAR	10	5	5	20
49	RAUT RUPEKSHA SURESH	3	5	5	13
50	SAHARE SHIVANI HEMRAJ	3	5	5	13
51	SHENDE PRATIKSHA MANOJ	7	5	5	17
52	SONDAWALE SANIDHYA	4	5	4	13
53	SURYAWANSHI KIRAN PUNDALIK	10	5	5	20
54	THAKARE RUPALI KAMALAKAR	7	5	5	17
55	WAGHADE RAHUL PRALHAD	7	5	5	17

Date :


Balaji G. Damkondwar
Head, Dept of Sociology


Principal
Off. Principal
N.H. College Bramhapuri
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur

Gondwana University, Gadchiroli

B.A.III Semester - VI

Session 2022-23

INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Sociology of Tribal Society

Center: Nevjabai Hitkarini College Bramhapuri

Town Code: College

128

Code: 328

S N	Name Of The Students	Internal Assesement Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
1	AWASARE PRATIKSHA KISHOR	7	5	5	17
2	BAGMARE BHAGYASHRI PURUSHOTTAM	5	5	5	15
3	BARDE SNEHA CHANGDEO	10	5	5	20
4	BHASAKHETRE MAHESH RAMCHANDRA	5	5	5	15
5	CHAUDHARI BHAGYASHRI SHAMRAO	5	5	5	15
6	CHAUDHARI DAKSHAYANI NARENDRA	5	5	5	19
7	CHAUDHARI PRITI DEVANATH	5	5	5	15
8	DADMAL MANJUSHA CHANDRABHAN	6	5	4	15
9	DESAI PRATIK HARIDAS	5	5	5	15
10	DHANJULE PRITI DEVCHAND	10	5	5	20
11	DHORE MOHINI ANANDRAO	10	5	5	20
12	DHOTE SOPAN RAMBHAU	6	5	4	15
13	DIGHORE PAURNIMA RAJU	8	5	5	18
14	DIGHORE RAHUL YUVRAJ	8	5	5	17
15	DIGHORE TIKARAM GAURIHAR	5	5	5	15
16	DONADKAR RITA SURESH	10	5	5	20
17	GAJPURE MADHURI JAYWANT	5	5	5	15
18	GARADE MANISHA BABAN	5	5	5	15
19	GEDAM PRANALI MUKHARU	10	5	5	20
20	GHORMODE SUNIL MORESHWAR	10	5	5	20
21	JAGZAPE PUJA ARUN	10	5	5	20
22	JAGZAPE SEJAL SURESH	10	5	5	20
23	JANBANDHU VIJAYA NALIND	10	5	5	20
24	JENGATHE GAYATRI RATNAPAL	5	5	5	15
25	JENGATHE SANKET SANTOSH	5	5	5	15
26	JENGATHE SONAL BABAJI	5	5	5	15
27	KAMDJI PUJA NAWLAJI	9	5	5	19
28	KANHEKAR SHRUTI LOKESH	5	5	5	15
29	KARAMBE AKSHAY NARAYAN	5	5	5	15
30	KARAMBE GAURAV GOVINDA	5	5	5	15
31	KUMBHALE POOJA VISHWANATH	5	5	5	15
32	KUMBHARE SHUBHANGI BALKRISHNA	10	5	5	20
33	KUTHE RINA MANOHAR	5	5	5	15
34	LANJEWAR ROHINI LINGESHWAR	5	5	5	20

Gondwana University, Gadchiroli

B.A.III Semester - VI

Session 2022-23

INTERNAL ASSESSMENT SCHEME

Subject: Sociology

Paper : Sociology of Tribal Society

Center: Nevjabai Hitkarini College Bramhapuri

Town Code: College

128

Code: 328

S N	Name Of The Students	Internal Assesement Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
35	MADAVI ASHISH DIGAMBAR	9	5	5	19
36	MAHAJAN HARSHALI NITIN	7	5	5	17
37	MAHAJAN SONIYA NITIN	5	5	5	15
38	MASRAM TEJASWINA RAMKRUSHNA	5	5	5	15
39	MESHAM AVANTIKA JIWAN	10	5	5	20
40	MOHURLE JOSHNA ARVIND	10	5	5	20
41	NAGARKAR YOJANA ANAND	5	5	5	15
42	NAKTODE SHARADA ESHWAR	10	5	5	20
43	NANNAWARE PRANJALI SHANKAR	10	5	5	20
44	NIMJE SAYALI DRONACHARYA	10	5	5	20
45	PILARE DIGESHWAR RAVINDRA	10	5	5	20
46	PILARE SHUBHANGI ANNAJI	10	5	5	20
47	POWANKAR ANJALI YOGESH	5	5	5	15
48	PURAM SHAMAL SURESH	10	5	5	20
49	RAKHADE RUPALI DILIP	5	5	5	15
50	RAMTEKE AISHWARYA BHIMRAO	10	5	5	20
51	RAUT ACHAL YADAO	10	5	5	20
52	RAUT LUKESH DEVIDAS	5	5	5	15
53	RAUT PUJA VINAYAK	10	5	5	20
54	SAHARE ROHIT YASHWANT	10	5	5	20
55	SAHARE YASH MANIK	5	5	5	15
56	SALAME SONALI HARICHAND	6	5	4	15
57	SAMARTH KOMAL BHIVA	10	5	5	20
58	SAMARTH RUPALI PANDHARI	10	5	5	20
59	SATIBAWANE ASHWINI MURLIDHAR	10	5	5	20
60	SAYAM KOYAL DNYANESHWAR	7	5	3	15
61	SETHIYE PREETI PURUSHOTTAM	5	5	5	15
62	SHENDE PARAG PRADIP	5	5	5	15
63	SHIURKAR PRIYA MUKUNDAJI	10	5	5	20
64	SHRIRAME PUNAM JITENDRA	5	5	5	15
65	SHRIRAME VAISHNAVI SHANTARAM	10	5	5	20
66	SONKAR ROHINI RAMESH	5	5	5	15
67	SONWANE VAISHNAVI YADAO	10	5	5	20
68	TALMALE JAYA DILIP	5	5	5	15

Gondwana University, Gadchiroli
B.A.III Semester - VI
Session 2022-23
INTERNAL ASSESSMENT SCHEME

Subject: Sociology

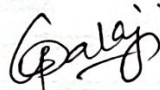
Paper : Sociology of Tribal Society


Center: Nevjabai Hitkarini College Bramhapuri

Town Code: College
128 Code: 328

S N	Name Of The Students	Internal Assesement Scheme			Total Marks
		Seminar	Assignment	Oral Test / Personality Test	
69	TALMALE SAURABH VINOD	9	5	5	19
70	TEMBHURNE DIVYASHRI BALIRAM	10	5	5	20
71	THENGARI PRITAM RAMHARI	5	5	5	15
72	THENGRE SHIVANI DURYODHAN	5	5	5	15
73	TUPAT SHUBHANGI DADAJI	10	5	5	20
74	TUPAT UMAKANT DIWAKAR	5	5	5	15
75	URKUDE SNEHAL ASARAM	5	5	5	15
76	WANASKAR ATISH RAMDAS	7	5	5	17
77	YELANE VAISHNAVI ASHOK	5	5	5	15

Date :


Balaji G. Damkondwar
Head, Dept of Sociology

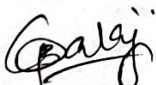

Principal
Off. Principal
N.H. College Bramhapuri
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College, Bramhapuri
Department of Sociology
Internal Assessment Scheme
Session 2022-23 Sem II

Class :- M.A. I

Subject :- Perspectives on Indian Society

S N	Name of the Student	Seminar	Assignment	Oral/Pers onality	Total Marks
1	BHAJIPALE PRATIKSHA TARACHAND	5	5	5	15
2	BHANARKAR ASHWINI SHAMRAO	5	5	5	15
3	BONKURWAR NILIMA SHANKAR	10	5	5	20
4	CHIKANKAR LUKESH MANGALDAS	4	5	5	14
5	DHORE PRACHI DINESH	10	5	5	20
6	DONGARWAR HARSHA VASANTRAO	5	5	4	14
7	GAYDHANE SAMIR DEVIDAS	5	5	5	15
8	GHARAT PRIYANKA ARUN	5	5	4	14
9	GURNULE SUWARNA RAMBHAU	9	5	5	19
10	MULE MAMATA VITTHAL	7	5	5	17
11	NAKHATE VAISHNAVI SURESH	6	5	5	16
12	PETKAR RASIKA SHRIRAMJI	4	5	5	14
13	PILARE DHANASHRI PURUSHOTTAM	5	5	5	15
14	RAUT SAHELI RAJENDRA	5	5	5	15
15	SHIVURKAR ROSHAN NAOLAJI	4	5	5	14
16	TALMALE SHRIDEVI PRAKASH	5	5	5	15
17	TUPAT DIMPAL RAJESHWAR	6	5	5	16
18	TUPAT SNEHAL NAMDEV	5	5	5	15
19	WADGURE SANJIWANI SHANTARAM	8	5	5	18
20	WAKDE RUPALI ANKUSH	5	5	5	15


Balaji G. Damkondwar
 Head, Dept of Sociology

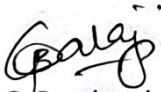

Off. Principal
 Nevjabai Hitkarini College
 Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College, Bramhapuri
Department of Sociology
Internal Assessment Scheme
Session 2022-23 Sem II

Class :- M.A. I

Subject :- Methodology of Social Research II

S N	Name of the Student	Seminar	Assignment	Oral/Personality Test	Total Marks
1	BHAJIPALE PRATIKSHA TARACHAND	5	5	5	15
2	BHANARKAR ASHWINI SHAMRAO	5	5	5	15
3	BONKURWAR NILIMA SHANKAR	10	5	5	20
4	CHIKANKAR LUKESH MANGALDAS	5	5	5	15
5	DHORE PRACHI DINESH	7	5	5	17
6	DONGARWAR HARSHA VASANTRAO	5	5	4	14
7	GAYDHANE SAMIR DEVIDAS	5	5	5	15
8	GHARAT PRIYANKA ARUN	5	5	5	15
9	GURNULE SUWARNA RAMBHAU	6	5	5	16
10	MULE MAMATA VITTHAL	8	5	5	18
11	NAKHATE VAISHNAVI SURESH	8	5	5	18
12	PETKAR RASIKA SHRIRAMJI	4	5	5	14
13	PILARE DHANASHRI PURUSHOTTAM	5	5	5	15
14	RAUT SAHELI RAJENDRA	6	5	5	16
15	SHIVURKAR ROSHAN NAOLAJI	5	5	5	15
16	TALMALE SHRIDEVI PRAKASH	6	5	5	16
17	TUPAT DIMPAL RAJESHWAR	5	5	5	15
18	TUPAT SNEHAL NAMDEV	5	5	5	15
19	WADGURE SANJIWANI SHANTARAM	10	5	5	20
20	WAKDE RUPALI ANKUSH	5	5	5	15


 Balaji G. Damkondwar
 Head, Dept of Sociology

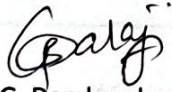

 Principal
 N.H. College Bramhapuri
Off. Principal
Nevjabai Hitkarini College
 Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College, Bramhapuri
Department of Sociology
Internal Assessment Scheme
Session 2022-23 Sem II

Class :- M.A. I

Subject :- Urban Society in India VII A

S N	Name of the Student	Seminar	Assignment	Oral/Personality Test	Total Marks
1	BHAJIPALE PRATIKSHA TARACHAND	4	5	5	14
2	BHANARKAR ASHWINI SHAMRAO	5	5	4	14
3	BONKURWAR NILIMA SHANKAR	10	5	5	20
4	CHIKANKAR LUKESH MANGALDAS	5	5	5	15
5	DHORE PRACHI DINESH	10	5	5	20
6	DONGARWAR HARSHA VASANTRAO	5	5	5	15
7	GAYDHANE SAMIR DEVIDAS	5	5	4	14
8	GHRAT PRIYANKA ARUN	6	5	5	16
9	GURNULE SUWARNA RAMBHAU	8	5	5	18
10	MULE MAMATA VITTHAL	7	5	5	17
11	NAKHATE VAISHNAVI SURESH	7	5	5	17
12	PETKAR RASIKA SHRIRAMJI	4	5	5	14
13	PILARE DHANASHRI PURUSHOTTAM	5	5	5	15
14	RAUT SAHELI RAJENDRA	4	5	5	14
15	SHIVURKAR ROSHAN NAOLAJI	6	5	5	16
16	TALMALE SHRIDEVI PRAKASH	5	5	5	15
17	TUPAT DIMPAL RAJESHWAR	5	5	4	14
18	TUPAT SNEHAL NAMDEV	4	5	5	14
19	WADGURE SANJIWANI SHANTARAM	10	5	5	20
20	WAKDE RUPALI ANKUSH	5	5	5	15


 Balaji G. Damkondwar
 Head, Dept of Sociology

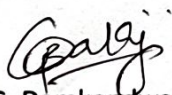

 Principal
 N.H. College Bramhapuri
 Nevjabai Hitkarini College
 Bramhapuri, Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri
Department of Sociology
Internal Assessment Scheme
Session 2022-23 Sem II

Class :- M.A. I

**Subject :- Sociology of Kinship, Marriage &
 Family VIII A**

S N	Name of the Student	Seminar	Assignment	Oral/Personality Test	Total Marks
1	BHAJIPALE PRATIKSHA TARACHAND	4	5	5	14
2	BHANARKAR ASHWINI SHAMRAO	5	5	4	14
3	BONKURWAR NILIMA SHANKAR	10	5	5	20
4	CHIKANKAR LUKESH MANGALDAS	4	5	5	14
5	DHORE PRACHI DINESH	8	5	5	18
6	DONGARWAR HARSHA VASANTRAO	5	5	4	14
7	GAYDHANE SAMIR DEVIDAS	5	5	4	14
8	GHARAT PRIYANKA ARUN	4	5	5	14
9	GURNULE SUWARNA RAMBHAU	8	5	5	18
10	MULE MAMATA VITTHAL	8	5	5	18
11	NAKHATE VAISHNAVI SURESH	8	5	5	18
12	PETKAR RASIKA SHRIRAMJI	4	5	5	14
13	PILARE DHANASHRI PURUSHOTTAM	5	5	4	14
14	RAUT SAHELI RAJENDRA	4	5	5	14
15	SHIVURKAR ROSHAN NAOLAJI	4	5	5	14
16	TALMALE SHRIDEVI PRAKASH	5	5	4	14
17	TUPAT DIMPAL RAJESHWAR	5	5	4	14
18	TUPAT SNEHAL NAMDEV	4	5	5	14
19	WADGURE SANJIWANI SHANTARAM	9	5	5	19
20	WAKDE RUPALI ANKUSH	5	5	4	14


 Balaji G. Damkondwar
 Head, Dept of Sociology


 Off. Principal
 N.H. College Bramhapuri
 Bramhapuri, Dist. Chandrapur

N. H. College, Bramhapuri

Department of Computer Science

INTERNAL EVALUATION MECHANISM

B.Sc.(Computer Science)

The following **internal examination scheme** is adopted by the **Computer Science Department of N. H. College, Bramhapuri** for the **B. Sc. (Computer Science) (CBCS Pattern) course** as per the directions given by Computer Science Board, Gondwana University, Gadchiroli.

Teaching and Semester Examination Scheme for B.Sc.(Computer Science)

Class	Semester	Paper	Teaching Scheme Per Week (Workload)			Examination Scheme			
			Theory	Total	Practical	Theory Marks		Practical Marks	Total Marks
						Paper	Internal Assessment		
B. Sc. I	I	USCST01	3	6+1T	6	50	10	30	150
		USCST02	3			50	10		
	II	USCST03	3	6+1T	6	50	10	30	150
		USCST04	3			50	10		
B. Sc. II	III	USCST05	3	6+2T	6	50	10	30	150
		USCST06	3			50	10		
	IV	USCST07	3	6+2T	6	50	10	30	150
		USCST08	3			50	10		
B. Sc. III	V	USCST09.1	3	6+2T	6	50	10	30	150
		USCST09.1	3			50	10		
		USCST10.1	1	1	0	35	15	0	50
	VI	USCST11.1	3	6+2T	6	50	10	30	150
		USCST11.3	3			50	10		
		USCST12.4	1	1	0	35	15	0	50

B.Sc. Semester CBCS Pattern Examination Scheme:

1. There shall be total six semesters.
2. Each semester shall comprise of 90 teaching days.
3. Each semester I to VI shall be of 150 marks.
4. The distribution of marks will be as follows

i. Paper I Theory	.....	50 marks
Internal Assessment	.....	10 marks
ii. Paper II Theory	.....	50 marks
Internal Assessment	.....	10 marks
iii. Practical	.....	30 marks
Total Marks (i + ii + iii)	...	150 marks

5. The marks on the **internal assessment of the student shall be compounded with the theory Paper. The passing marks will be 40% marks.**

6. The internal assessment marks shall be awarded by the concerned teacher.

7. The internal assessment marks shall be sent to the University after the Assessment in the prescribed format and direction by University.

8. 8. General guidelines for Internal Assessment are:

a) The internal assessment marks assigned to each theory paper on the basis of the performance in any two assignments as described below selected by concerned teacher.

1. Class Test / Sessional examination

2. On-line Test

3. Theory Assignments

4. Programming Assignments

5. Study tour

6. Industrial visits

7. Visit to educational institutions and research organizations, field work, Conference etc

8. Group discussions

9. Seminar Presentation

10. Participation in Departmental Activities

b) There shall be no separate / extra allotment of work load to the concerned teacher related to above assignments. He/ She shall conduct the Internal assessment activity during the regular teaching days / periods as a part of regular teaching activity.

c) The concerned teacher / department / college shall have to keep the record of all the above activities until six months after the declaration of the results of that semester.

d) At the beginning of each semester, every teacher / department / college shall inform his / her students unambiguously the method he / she propose to adopt and the scheme of marking for internal assessment.

B) Practical Assessment: Time: Minimum 2 Hours 30 Min. for conducting the practical

examination subject to the condition the availability of computers and printers at the center. Marks Distribution: A practical mark will be allocated by Internal & External Examiner as per the following format

S.N.	Particulars	Max. Marks
1	Writing, Execution and Printout of Program-I	12
2	Writing Program-II	6
3	Practical Record	6
4	Viva Voce	6
Total		30

Note:1) The Written work should be completed within max. 45 minutes.

2) For execution and taking printout max. 45 minutes is reserved.

C) Theory Paper Assessment: Theory papers will be held as per the scheduled given by the university and examinee needs to score minimum 35% of marks to clear the paper including internal assessment marks.

D) Revaluation: There is also a provision for the Revaluation only for theory papers examination conducted by University (i.e. it is not applicable for Internal Assessment) as per the rules and fee structure prescribed by University

Head
Department of Computer Science

UNIT TEST RECORD (Samples)

Session 2022- 23

1010

B.Sc.- I (CBCS Pattern) Sem- I
USCST01 - Computer Science Paper-I
PROGRAMMING TECHNIQUES & INTRODUCTION TO 'C'

Time : One Hours DEPTCS/UNIT-I/2022/01
Max. Marks : 25


Notes: 1) All the questions are compulsory and carry equal marks.
2) Draw neat and labelled diagram wherever necessary.
3) Avoid vague answer and write answer relevant and specific to question only

Que 1) Explain Evolution of language/ Level of language. 5

Que 2) Different Between Compiler and Interpreter 5

Que 3) Explain Short Notes on Linker and Loader 5

Que 4) List of Characteristics of Good Programming Language 5


Head
Dept. of Computer Sci.
M. H. College, Bramhapuri
Dist. Chandrapur

Unit Test: Sample Que. Paper

Name : Ekta Santosh Bilgare

Page
Date

Ans 2)

Q3

2] Compiler Interpreter

1] Compiler can translate at

1] Interpreter is the translate the

2] a time program

line by line program

2] compiler is a software of system

2] Interpreter is a software of system

3] required the more memory

3] required the less memory

4] compiler is converted the binary language to high level language

4] Interpreter is converted the high level language to low level language

5] It is the high level to low level languages

Ans 3] linker :- linker are link to first file to second file and linker is joined to

2)

loader :- loader is the located the error and correct the loader is the joined on linker. because linker is the link to second file, that why linker first file the error.

Name: - Paras Pardi

(07)

PAGE NO.

1. Explain evolution of language / level of language.
2. Difference betⁿ compiler and interpreter.
3. Explain short note on linker and loader.
4. List of characteristics of good programming language.

1) → There are 4 types of levels of language.

① Machine level language: Machine level language is a language only computer can understand. It is a binary language. It consists of only 0's and 1's. Machine level language is 1st gen language.

② Assembly

② Assembly level language: Assembly level language is 2nd gen language. It is developed to overcome the difficulty of machine level language.

(03)

③ High level language: High level language is 3rd gen language. High level language were developed for programmer to understand and code easy. Computer cannot understand High level language. To overcome the difficulty of assembly language, High level language were developed.

④ 4th gen language: 4th gen language is also known as programming language or scripting language. 4th gen languages are easy to read and write. It is closer to human language.

Unit Test Sample Answer Paper

INTERNAL ASSIGNMENT RECORD (Samples)

Session 2022-23

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST.CHANDRAPUR



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - I/II/III/IV/V/VI

ACADEMIC SESSION

2022 -20 23

Name of the Student : Shikrushna Umesh Lichade

Class: Bsc 1st year Section : math

Subject Computer science - II

Roll No./Exam Seat No. : _____

Obtained Mark : _____

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST. - CHANDRAPUR



CERTIFICATE

DEPARTMENT OF Computer science

This is to certify that Shri / Ku. / Smt. shaikrushna

Umesh. Lichade

is a bonafide student of

Class Bsc 1st year Roll No. _____

He / She has done

Unsatisfactory / Satisfactory / Good / Excellent Assignment work in the subject

Computer science-II (structure programming with C)


In charge Lecture /


Head of the Deptt.
Dept. of Computer Sc
N. H. College, Bramhapuri
Dist. Chandrapur

Principal

- INDEX -

Sr.No.	Title	Page No.	Remarks
Unit 1			
1)	Define and explain initialization of array Define and writing & reading data from array	1-4	
2)	Define with example of searching, sorting & merging	5-14	
3)	Define and explain two dimensional array	15-18	
4)	Define & explain string manipulating function with eg		
Unit - 2			
1)	Define & explain structure with eg	23-26	
2)	Define & explain union with eg	27-28	
3)	Define & explain enum with eg	29-31	
4)	Explain size of & operator with eg	32-34	
Unit - 3			
1)	Define & explain arithmetic & string library function	35-38	
2)	Define & explain user-defined function with eg	39-42	
3)	Explain with eg. function with array	43-44	
4)	Define & explain storage class	45-48	
Unit 4			
1	Write C program to swap two numbers using pointer	49	
2)	Explain usage of following function ① malloc ii) realloc	50-51	
3)	Give difference bet ⁿ call by value & call by reference	52-53	
4)	Discuss in detail opening and closing of file	54-56	
5)	What is pointer & write its Declaration and initialization with eg	57-58	
6)	Explain following functions with syntax & e.g. i) fscanf(), ii) printf()	59-60	

1) Define and explain initialization of array and writing and reading data from array.

⇒ Array :- Array is a collection of similar data type of element stored in continuous memory location or Array is a derived data type in which we store the similar data type element in continuous memory location.

There are two type of memory

i) Single dimensional array

ii) Multi-dimensional array

i) Single dimensional array :-

It is a collection of similar data type of element stored in continuous memory location having dimension one are called single dimensional array.

Syntax :-

data type array name [size];

e.g. :- `int a[10];`

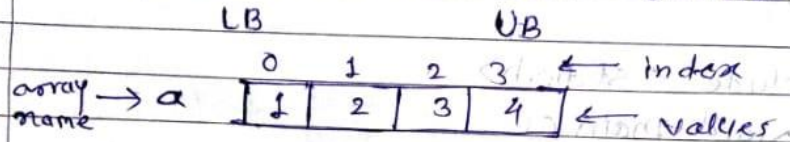
Initialization of array :-

Syntax :-

data type array name [size] = {value};

e.g. :- `int a[5] = {1, 2, 3, 4, 5};`

when we initialize any array with its size then its size, index and address given by



By default in array the index starts starts from zero i.e lower bound.

Here,

```
a[0] = 1;
a[1] = 2;
a[2] = 3;
a[3] = 4;
```

Writing data into an array :- Instead of writing individuals values in array we can write values with the help of for loop. It is easy and convenient to use.

```
#include <stdio.h>
void main()
{
    int a[4];
    for (i=0; i<4; i++)
    {
        scanf ("%d", &i);
    }
}
```

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST.CHANDRAPUR



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - I/II/III/IV/V/VI

ACADEMIC SESSION

20 22 -2023

Name of the Student : Manasvi Ashok Patel

Class: Bsc 4th yr Section : _____

Subject Computer Science I

Roll No./Exam Seat No. : _____

Obtained Mark : _____

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST. - CHANDRAPUR



CERTIFICATE

DEPARTMENT OF computer Science.

This is to certify that Shri / Ku. / Smt. Mauswi. A. Patil


_____ is a bonafide student of

Class Bsc ITud ys Roll No. _____ He / She has done

Unsatisfactory / Satisfactory / Good / Excellent Assignment work in the subject

Data structure and algorithms.


17/04/23
In charge Lecture /


Head of the Deptt.
Dept. of Computer Sci.
N. H. College, Bramhapuri
Dist. Chandrapur

Principal

- INDEX -

Sr.No.	UNIT I	Title	Page No.	Remarks
1.		Difference between Data and Information.		
2.		Explain and write Algorithms of types of Sort.		
3.		Explain and write Algorithm of types of Searches.		
4.		Explain the term Stack.		
5.		Explain the terms with example a) Infix b) prefix c) postfix.		
	UNIT II			
1.		Explain recursion and its applications with Algorithm.		
2.		Define and explain Queue operations on queue with Algorithm.		
3.		Define and explain circular queue with Algorithm.		
4.		Define and Explain Dequeue with Algorithm.		
5.		Define and Explain priority queue with Algorithm.		
	UNIT III			
1.		Explain Linked list.		
2.		Disadvantages of linked list over Array.		
3.		Algorithm to search element in linked list.		
4.		Algorithm to insert a node in linked list.		
5.		Algorithm to delete a node in linked list.		
	UNIT IV			
1.		write Kruskal Algorithm.		
2.		write PRIM's Algorithm.		
3.		Algorithm for Traversing Graph.		
4.		Explain the term Binary tree.		
5.		An Algorithm to search a node in Binary search tree.		

11/04/2023

Q.1. Difference between data and Information.

→

DATA	INFORMATION
① Data is a raw fact.	① Information is a processed data.
② Data does not produce any meaningful fact.	② Information produces meaningful fact.
③ Same data can be used for different purposes.	③ The information received from one system may become a data for another system.
④ Based on data no decision can be taken.	④ Based on Information decision can be taken.
⑤ Data has less value.	⑤ Information has a value.
⑥ It requires lot of time to collect data.	⑥ It requires less time to process data to generate information.
⑦ ex. Blue, Copal, pen.	⑦ ex. Copal use a blue pen.

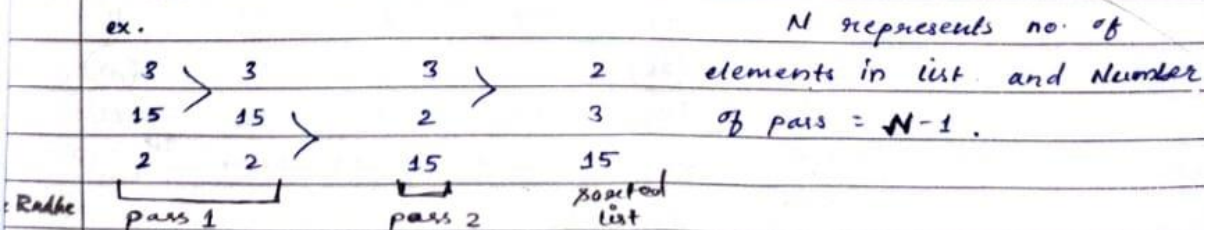
Q.2. Explain and write Algorithm of Types of Sorting.

→

① BUBBLE SORT:

In Bubble sort scanning of the list is performed from top to bottom and whenever the pair of adjacent key is found to be out of order then those elements are swapped.

ex.



Algorithm :

where

LA - Linear Array

LB - Lower Bound

UB - Upper Bound

① Repeat for $I = LB$ to $UB - 1$ Repeat for $J = LB$ to $UB - I$ If $(LA[J] > LA[J+1])$ ① $T = LA[J]$ ② $LA[J] = LA[J+1]$ ③ $LA[J+1] = T$

} swapping

(end if)

(end for)

(end for)

② return.

(b) SELECTION SORT :

In selection sort, firstly find the smallest element in the list by comparing first element with all the remaining elements and put the smallest element in the first position and then carry it out the same for the second one and then next and so on.

ex.

13	4	4	4	4	4
15	15	9	9	9	9
28	28	28	13	13	13
9	9	15	15	15	15
4	13	13	28	28	18
18	18	18	18	18	28

original list	pass 1	pass 2	pass 3	pass 4	sorted list
					pass 5

Radhe

Algorithm

where,

LA - Linear Array LB - Lower Bound UB - Upper Bound

① Repeat for $I = LB$ to $UB - 1$ ② $MIN = LA[I]$ ③ Repeat for $J = I + 1$ to UB ④ If $(LA[J] < MIN)$ ⑤ $MIN = LA[J]$ ⑥ $LOC = J$

(end if)

(end for)

⑦ If $(LA[LOC] < LA[I])$ $T = LA[I]$ ~~$LA[I] = LA[LOC]$~~ ~~$LA[LOC] = T$~~

} swapping

(end if)

(end for)

⑧ return

(C) INSERTION SORT

It is one that keeps the list of elements always in sorted order at each insertion of new element into existing list. During the i th pass the elements are placed in following order $a[1] < a[2] < a[3] \dots < a[i]$ for Ascending order.

ex.	1	2	3	4	5
①	15	5	9	6	10
②	5	15	9	6	10
③	5	9	15	6	10
④	5	6	9	15	10
⑤	5	6	9	10	15

Radhe

INTERNAL ASSIGNMENT SUBMISSION SHEETS (Samples)

Session 2022-23

Gondwana University				
B.Sc (Computer Science) Sem II for Summer 2023				
N H College Bramhapuri (328)				
Sr.No.	Name	MobileNumber	Paper I	Paper II
1	ABHAY SANJIV TUPKAR	8975517489	Asupkar	Asupkar
2	ACHAL ATMARAM WADHAI	7875861163	AA Wadhai	AA Wadhai
3	AISHWARYALAXMI DILIP CHAUKE	8698748233	Achauke	Achauke
4	AKANKSHA JAYANT MESHRAM	8766735079	Akanksha	Akanksha
5	AMIT RADHESHAM DHOTE	9284925739	ADhote	ADhote
6	ANIKET SHISHUPAL DAHIWALE	9607311126	Aaive	Aaive
7	ARUNDHATI HEMANT DOLHARE	7666825942	ARdolare	ARdolare
8	ASHWINI AMBADAS DANGE	8806765506	Dange	Dange
9	ATHRAV SANJAY FULZELE	7498005989	Ahr	Ahr
10	BHAGYASHRI SUBHASH NANHE	9579517441	B.S.Nanhe	B.S.Nanhe
11	CHANDA KRIPALDAS NAKADE	7350994813	Chanda	Chanda
12	CHANDANI NANAJI BAGMARE	9422813624	chandani	chandani
13	CHETAN RATIRAM THAKARE	9371257433	Chetan	Chetan
14	DIMPAL PUNDLIK KAMTHE	9552560692	Dkamthe	Dkamthe
15	EKTA SANTOSH BILGAYYA	7666362187	EBilgayya	EBilgayya
16	GAURAV BHAURAO MESHRAM	9356499420	Gmshram	Gmshram
17	GAURI NANDKUMAR ANAWALE	9373962613	Ganawale	Ganawale
18	HIMANI BHAGWAN BODELE	8432186805	H.B.Bodele	H.B.Bodele
19	JANVHI RAJESHWAR GIRADKAR	7821012463	JGiradkar	JGiradkar
20	KALPANA HIRARAM KALLO	7909537566	-AB-	-AB-
21	KALYANI SANJAY CHINCHEKAR	9923243160	K.S.Chinchekar	K.S.Chinchekar
22	KANCHAN NARENDRA BAREKAR	8010429119	-AB-	-AB-
23	MILIND NARENDRA THAKARE	7499532946	Mthakare	Mthakare
24	NEHA SANTOSH PRADHAN	7620063408	Neha	Neha
25	NIKHIL TREMBAK TUPAT	9767128064	Nikhil	Nikhil
26	PORAS RAMESH PARDHI	9049636058	Parshi	Parshi
27	PRACHI GANGADHAR DUNEDAR	8007493400	PDunedar	PDunedar
28	PRADNYA GOKUL MESHRAM	7263967215	PGmshram	PGmshram
29	PRANALI SUNIL CHANNE	8805664102	PShanne	PShanne
30	PRANJALI SANJAY SHIVANKAR	8552867515	PSivankar	PSivankar

31	PRANJALI SUBHASH SHENDE	7888175223	P shende	P shende
32	PRANOTI CHANDRASHEKHAR DEWAIKAR	9423618430	Pranika	Pranika
33	PRASHIK ASHOK GEDAM	8080107462	Prashik	Prashik
34	PRATIKSHA JITENDRA BHARRE	7057694204	- AB -	- AB -
35	ROHIT SANJAY BODALKAR	9921923609	RSSodalkar	RSSodalkar
36	RUTUJA BALKRISHNA THAKARE	7666244601	Rutujithakare	Rutujithakare
37	SAKSHI MANIK SAHARE	9146584596	Sahare	Sahare
38	SANGITA PRABHAKAR KARUTKAR	9209161526	S.Karutkar	S.Karutkar
39	SANJANA PURUSHOTTAM DIGHORE	8080143048	Sanjana	Sanjana
40	SANKET GANESH PIPARE	8767883677	Sanket	Sanket
41	SHEJAL SHAILESH SAHARE	7875154027	Shehar	Shehar
42	SHIVANI RAVINDRA MOHATURE	8329319847	Shivani	Shivani
43	SHRAVANI GANESH MISAR	9405713682	Shravani	Shravani
44	SHRIKRUSHNA UMESH LICHADE	9588667543	Slichade	Slichade
45	SMITA BHASHKAR SONKUSARE	9604413875	Son	Son
46	SUYOG MANGESH NAGOSE	9356100351	Suyog	Suyog
47	SWAPNIL WASUDEO GAVTURE	8080560083	Swapnil	Swapnil
48	SWARAJ GIRIDHAR KARANGAMI	7385764589	A-B	- AB -
49	TRUPTI DHANANJAY BANPURKAR	9307661191	- AB -	- AB -
50	TRUPTI SANJAY LOKHANDE	9579675213	Trichande	Trichande
51	UDDESH UMAJI KHARWADE	9420876635	U.U.Kharwade	U.U.Kharwade
52	VAIBHAV JIVAN BHAIKARE	9421995340	V.Bhaisare	V.Bhaisare
53	VAISHNAVI GOPAL HUKARE	8055476986	- AB -	- AB -
54	VINAY RAMDAS MESHRAM	8767157634	- AB -	- AB -

Gondwana University				
B.Sc (Computer Science) Sem IV for Summer 2023				
N H College Bramhapuri (328)				
Sr.No.	Name	MobileNumber	Paper I	Paper II
1	AAKANSHA DIGESHWAR BORKAR	8010962917	Akansha	Akansha
2	ACHAL ANIL THOMBARE	9834141320	Thombare	Thombare
3	ADITYA RAGHUNATH FUNDE	9975952584	- AB -	- AB -
4	AMISHA RAJU GHATURKAR	9158932453	- AB -	- AB -
5	AMIT SANJAY URADE	8390724759	Amit	Amit
6	DIGVIJAY SHIVRAM AMBORKAR	7248999894	Digvijay	Digvijay
7	DIKSHA SHAMRAO KUTHE	8554928818	Diksha	Diksha
8	HITESH SUSHANT SARKAR	9112758609	Hitesh	Hitesh
9	KHUSHI SANJAY DOJAD	8459688747	K DOJAD	K DOJAD
10	MANASVI ASHOK PATEL	8999485789	Manasvi	Manasvi
11	MINAL NARENDRA SHAHANE	8208176088	Minal	Minal
12	NANDINI AVINASH BHANARKAR	7972611963	Nhanarkar	Nhanarkar
13	NIKITA KRUSHNA NANDANWAR	9637445802	Nkarnanwar	Nkarnanwar
14	PIYANSHU NARENDRA DONGARE	8766534586	P Dongare	P Dongare
15	POOJA MAHADEO BHOYAR	9881886172	- AB -	- AB -
16	PRANAY RAVINDRA LODHE	8261830857	Pranay	Pranay
17	PRANOTI HARIDAS THENGARI	7066746730	P.H.Thengari	P.H.Thengari
18	PUJA BHAGWAN IKHAR	9975116950	Bikhas	Bikhas
19	REVAN SUDHAKAR DHONGE	8459402537	Revan	Revan
20	SAKSHI ASHOK URADE	9158542187	SAURADE	SAURADE
21	SALONI GULAB BORKAR	9356872177	S Borkar	S Borkar
22	SHIWANI GOWARDHAN SARAYE	8999566376	Saraye	Saraye
23	SHRADDHA VIJAY KAWLE	8767666843	Skawle	Skawle
24	SHRAVANI SAMBHAJI YENURKAR	9112386535	S Yenurkar	S Yenurkar
25	SHREYASH PYARELAL BAGADE	7972525304	S Bagade	S Bagade
26	SHRUTIKA RAMESH UIKE	8275064964	Shrutika	Shrutika
27	SNEHAL BHASKAR BHANARKAR	7796522958	- AB -	- AB -
28	SOHAM YASHWANT KHARKATE	9373977013	- AB -	- AB -
29	SUBHAM SAMEER SARKAR	9284567691	SS	SS
30	SWAPNAJA VIJAY SANGOLE	9922897036	Swapnaja	Swapnaja
31	TRUPTI KRUSHNA NIKURE	9356436638	T Nikure	T Nikure
32	VAISHNAVI SURESH GADE	7350150146	V Gade	V Gade
33	YASH SHAMLAL LOKHANDE	7887438995	Y Lokhande	Y Lokhande

Gondwana University				
B.Sc (Computer Science) Sem VI for Summer 2023				
N H College Bramhapuri (328)				
Sr.No.	Name	MobileNumber	Paper I	Paper II
1	ABHAYA MURLIDHAR SORTE	8010952775	Abhaya	Abhaya
2	AJAY LEMRAJ SURYAWANSHI	8080434930	Prasanna	Prasanna
3	ARPIT GOKULDAS NANDESHWAR	9767830126	- AB -	- AB -
4	DHANASHRI SUNILKUMAR THAKUR	9834407896	Prakus	Prakus
5	DHARATI NARENDRA RAUT	7083310185	Prakus	Prakus
6	FARINNAJ JAMIL SHEIKH	8010461649	Jamini	Jamini
7	FAZILZAMA TARIQUEZAMA QURESHI	8275393310	Fazilza	Fazilza
8	GAURAV BALWANT TAKSANDE	9373012385	Gaurav	Gaurav
9	JANHAVI VILAS NISHANE	8554991524	Janhavi	Janhavi
10	KALYANI RAVINDRA THAKARE	8010372027	K	K
11	KETAKI TUKARAM PARDHI	9307535185	Pardhi	Pardhi
12	KOMAL VILASRAO DEVIKAR	9307957630	Devika	Devika
13	LUKESH MANIK BHARDWAR	9325262935	LB	LB
14	MAHESH BISAN BAGMARE	7499602350	MBagmare	MBagmare
15	MANASI JITENDRA BEHARE	7058835416	MBehare	MBehare
16	MAYUR GHANSHAM CHINCHEKAR	8698112169	Chinchekar	Chinchekar
17	NIKHIL ANIL SHEDMAKE	9130107506	Shedmake	Shedmake
18	PALLAVI CHANDRASHAN URKUDE	9021445832	Urkuade	Urkuade
19	PRATHAM PRAKASH SONKUSARE	9021443251	Prakusare	Prakusare
20	PRIYANKA ANIL MASKE	7823880709	Prasanna	Prasanna
21	PUNAM RAJU PANDAO	8975462473	P	P
22	PUSHPAK PRAKASH SHIVARKAR	8830024478	PS	PS
23	RAMANANDSWAMI VISHWANATH WADHAI	7498527790	Ramanand	Ramanand
24	RIYA HARIDAS THENGARI	9359186223	RHengari	RHengari
25	ROHIT BHARAT LOKHANDE	7887956544	Rokhande	Rokhande
26	SAHIL PARASRAM MARBATE	9890764179	Sahil	Sahil
27	SALMAN JAKIRHUSSAIN SHEIKH	8421297193	Salman	Salman
28	SAMIR SUNIL URADE	8806753473	Urade	Urade
29	SANKET DEBRAJ MANDAPE	7066556335	Sandape	Sandape
30	SAURABH SHYAMSUNDAR SHENDE	9552849420	Sshende	Sshende

No

INTERNAL ASSESSMENT BIFURCATION OF MARKS (Samples)

Session 2022-23

1.1.2

24	PORAS RAMESH PARDHI	2	5	3	10	2	5	3	10	6	6	9	8	29
25	PRACHI GANGADHAR DUNEDAR	2	3	3	8	2	4	3	9	6	5	8	7	26
26	PRADNYA GOKUL MESHAM	2	4	3	9	2	4	3	9	6	6	8	8	28
27	PRANALI SUNIL CHANNE	2	4	3	9	2	3	3	8	6	5	8	7	26
28	PRANALI SANJAY SHIVANKAR	2	3	3	8	2	4	3	9	6	6	8	8	28
29	PRANALI SUBHASH SHENDE	2	3	3	8	2	4	3	9	6	6	8	7	27
30	PRANOTI C. DEWAIKAR	2	4	3	9	2	3	3	8	6	6	8	7	27
31	PRASHIK ASHOK GEDAM	2	3	3	8	2	2	3	7	5	5	7	6	23
32	PRATIKSHA JITENDRA BHARRE	2	2	3	7	2	3	3	8	4	4	6	6	20
33	ROHIT SANJAY BODALKAR	2	3	3	8	2	4	3	9	6	6	8	7	27
34	RUTUJA BALKRISHNA THAKARE	2	5	3	10	2	5	3	10	6	6	9	8	29
35	SAKSHI MANIK SAHARE	2	4	3	9	2	3	3	8	6	6	8	7	27
36	SANGITA PRABHAKAR KARUTKAR	2	3	3	8	2	4	3	9	6	5	8	7	26
37	SANJANA P. DIGHORE	2	4	3	9	2	3	3	8	5	5	7	7	24
38	SANKET GANESH PIPARE	2	4	3	9	2	4	3	9	6	6	8	8	28
39	SHEJAL SHAILESH SAHARE	2	3	3	8	2	4	3	9	6	6	8	7	27
40	SHIVANI RAVINDRA MOHATURE	2	4	3	9	2	3	3	8	6	5	8	7	26
41	SHRAVANI GANESH MISAR	2	5	3	10	2	5	3	10	6	6	9	8	29
42	SHRIKRISHNA UMESH LICHADE	2	4	3	9	2	3	3	8	6	6	8	7	27
43	SMITA BHASHKAR SONKUSARE	2	4	3	9	2	4	3	9	6	6	8	7	27
44	SUYOG MANGESH NAGOSE	2	3	3	8	2	2	3	7	5	5	7	6	23
45	SWAPNIL WASUDEO GAVTURE	2	3	3	8	2	3	3	8	5	5	7	7	24
46	TRUPTI DHANANJAY BANPURKAR	2	3	3	8	2	2	3	7	4	4	6	6	20
47	TRUPTI SANJAY LOKHANDE	2	3	3	8	2	4	3	9	6	5	8	7	26
48	UDDESH UMAMI KHARWADE	2	3	3	8	2	2	3	7	5	5	7	7	24
49	VAIBHAV JIVAN BHAISARE	2	4	3	9	2	4	3	9	6	5	8	7	26
50	VAISHNAVI GOPAL HUKARE	2	3	3	8	2	2	3	7	4	4	6	6	20
51	VINAY RAMDAS MESHAM	2	3	3	8	2	4	3	9	6	6	8	7	27


Internal Examiner


Head
Department of Computer Science

Dept. of Computer Sci.
H. H. College, Bramhavarshi

Nevjabai Hitkarini College, Bramhapuri

Department of Computer Science

Gondwana University Practical Examination & Internal Assessment WIN 2022

CLASS: B.Sc.-II SEM III (CBCS) Computer Science

Date : 01 DEC. 2022

S.N.	NAME OF STUDENT	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
		Assign ment (02)	Class test (05)	Participat ion/Semin ar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semin ar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	AMBORKAR DIGVIJAY SHIVRAM	2	5	3	10	2	4	3	9	6	5	8	7	26	
2	BAGADE SHREYASH PYARELAL	2	4	2	8	2	3	3	8	4	4	7	6	21	
3	BHANARKAR NANDINI AVINASH	2	4	3	9	2	4	3	9	6	6	8	7	27	
4	BHANARKAR SNEHAL BHASKAR	2	4	2	8	2	4	3	9	6	5	7	7	25	
5	BORKAR SALONI GULAB	2	4	3	9	2	4	3	9	6	5	8	7	26	
6	BORKAR AAKANSHA DIGESHWAR	2	5	3	10	2	4	3	9	6	6	8	8	28	
7	DHONGE REVAN SUDHAKAR	2	5	3	10	2	5	3	10	6	6	9	9	30	
8	DOJJAD KHUSHI SANJAY	2	4	3	9	2	3	3	8	5	5	7	7	24	
9	DONGARE PIYANSHU NARENDRA	2	5	3	10	2	4	3	9	6	6	8	8	28	
10	FUNDE ADITYA RAGHUNATH	2	3	3	8	1	4	2	7	4	4	6	6	20	
11	GADE VAISHNAVI SURESH	2	5	3	10	2	5	3	10	6	6	9	9	30	
12	GHATURKAR AMISHA RAJU	2	4	3	9	2	3	3	8	4	4	6	6	20	
13	IKHAR PUJA BHAGWAN	2	4	3	9	2	5	3	10	6	6	8	8	28	
14	KAWLE SHRADDHA VIJAY	2	4	2	8	2	4	3	9	6	5	8	7	26	
15	KHARKATE SOHAM YASHWANT	2	4	3	9	2	4	3	9	6	6	9	8	29	
16	KUTHE DIKSHA SHAMRAO	2	4	3	9	2	4	3	9	6	6	8	8	28	
17	LODHE PRANAY RAVINDRA	2	3	3	8	2	4	3	9	6	5	8	7	26	
18	LOKHANDE YASH SHAMLAL	2	4	3	9	2	3	3	8	6	5	8	7	26	
19	NANDANWAR NIKITA KRUSHNA	2	4	3	9	2	4	3	9	6	6	8	7	27	

1.12

20	NIKURE TRUPTI KRUSHNA	2	4	3	9	2	5	3	10	28
21	PATEL MANASVI ASHOK	2	5	3	10	2	5	3	10	30
22	SANGOLE SWAPNAJA VJAY	2	4	3	9	2	3	3	8	26
23	SARAYE SHIWANI GOWARDHAN	1	4	2	7	2	3	2	7	AB AB AB
24	SARKAR SUBHAM SAMEER	2	4	2	8	1	4	2	7	5 5 7 6 23
25	SARKAR HITESH SUSHANT	1	4	2	7	2	3	3	8	5 5 7 6 23
26	SHAHANE MINAL NARENDRA	2	3	3	8	1	4	2	7	5 5 7 7 24
27	THENGARI PRANOTTI HARIDAS	2	4	2	8	2	4	3	9	6 5 8 7 26
28	THOMBARE ACHAL ANIL	2	4	3	9	2	3	3	8	6 6 8 7 27
29	UIJKE SHRUTIKA RAMESH	2	3	3	8	2	4	3	9	6 6 8 7 27
30	URADE SAKSHI ASHOK	2	5	3	10	2	5	3	10	6 6 9 8 29
31	URADE AMIT SANJAY	2	4	3	9	2	3	3	8	6 5 8 7 26
32	YENURKAR SHRAVANI SAMBHAJI	2	4	2	8	2	3	3	8	4 4 6 6 20



Internal Examiner



Head

Department of Computer Science

(Head)

Dept. of Computer Sci.

N. H. College, Bramhapuri

Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri
Department of Computer Science
Gondwana University Practical Examination & Internal Assessment WIN 2022
CLASS: B.Sc. - III SEM V (CBCS) Computer Science

Date : 03 DEC. 2022

S.N.	NAME OF STUDENT	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
		Assign ment (02)	Class test (05)	Participa tion/Sem inar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	BAGMARE MAHESH BISAN	2	4	3	9	2	4	3	9	6	5	8	7	26	
2	BEHARE MANASI JITENDRA	2	5	3	10	2	4	3	9	6	5	8	8	27	
3	BHARDWAR LUKESH MANIK	2	3	3	8	2	4	3	9	6	5	7	7	25	
4	CHINCHEKAR MAYUR GHANSHAM	2	4	3	9	2	4	3	9	6	5	7	7	25	
5	DEVIKAR KOMAL VILASRAO	2	4	3	9	2	4	3	9	6	5	8	7	26	
6	FULZELE SIDDHANT RAJKUMAR	2	5	3	10	2	3	3	8	6	5	9	8	28	
7	FULZELE UMESH DASHRATH	2	5	3	10	2	4	3	9	6	5	9	8	28	
8	JAWANJAL SHRUTI GAJENDRA	2	5	3	10	2	5	3	10	6	6	9	9	30	
9	LOKHANDE ROHIT BHARAT	2	4	3	9	2	4	3	9	6	5	8	8	27	
10	MANDAPE SANKET DEBRAJ	2	3	2	8	2	4	3	9	6	5	7	7	25	
11	MARBATE SAHIL PARASRAM	2	4	3	9	2	3	3	8	6	5	8	7	26	
12	MASKE PRIYANKA ANIL	2	5	3	10	2	5	3	10	6	6	8	9	29	
13	NANDESHWAR ARPIT GOKULDAS	2	4	3	9	2	4	3	9	6	5	7	7	25	
14	RAUT DHARATI NARENDRA	2	4	3	9	2	5	3	10	6	5	9	8	28	
15	NISHANE JANHAVI VILAS	2	5	3	10	2	5	3	10	6	6	8	9	29	
16	PANDAO PUNAM RAJU	2	5	3	10	2	5	3	10	6	5	9	8	28	
17	PARDHI KETAKI TUKARAM	2	5	3	10	2	5	3	10	6	5	9	8	28	
18	RAMTEKE SPANDAN SUDHAKAR	2	4	3	9	2	4	3	9	6	5	9	8	28	

19	SHEDMAKE NIKHIL ANIL	2	4	3	9	2	4	3	9	2	4	3	9	6	5	8	8	27
20	SHEKH FARINNAJ JAMIL	2	5	3	10	2	5	3	10	2	5	3	10	6	6	9	9	30
21	SHEKH SALMAN JAKIRHUSSAIN	2	5	3	10	2	4	3	9	2	4	3	9	6	5	9	8	28
22	SHENDE SAURABH SHYAMSUNDAR	2	3	3	8	2	4	3	9	2	4	3	9	6	5	7	7	25
23	SHENDE TRUPTI GOPAL	2	4	3	9	2	4	3	9	2	4	3	9	6	5	9	8	28
24	SHIVARKAR PUSHPAK PRAKASH	2	5	3	10	2	5	3	10	2	5	3	10	6	6	8	9	29
25	SONKUSARE PRATHAM PRAKASH	2	4	3	9	2	4	3	9	2	4	3	9	6	5	8	9	28
26	SORTE ABHAYA MURLIDHAR	2	4	3	9	2	5	3	10	2	5	3	10	6	5	9	8	28
27	SUYAWANSHI AJAY LEMRAJ	2	3	3	8	2	4	3	9	2	4	3	9	6	5	8	8	27
28	TAKSANDE GAURAV BALWANT	2	5	3	10	2	5	3	10	2	5	3	10	6	6	9	9	30
29	THAKARE KALYANI RAVINDRA	2	4	3	9	2	4	3	9	2	4	3	9	6	5	8	9	28
30	THAKUR DHANASHRI SUNILKUMAR	2	5	3	10	2	5	3	10	2	5	3	10	6	6	8	9	29
31	THENGARI RIYA HARIDAS	2	5	3	10	2	5	3	10	2	5	3	10	6	6	9	9	30
32	THENGARI SWAPNIL DHARMARAJ	2	5	3	10	2	5	3	10	2	5	3	10	6	6	9	9	30
33	URADE SAMIR SUNIL	2	3	3	8	2	4	3	9	2	4	3	9	6	5	8	7	26
34	URKUDE PALLAVI CHANDRASHAN	2	4	3	9	2	4	3	9	2	4	3	9	6	5	8	7	26
35	WADHAI RAMANANDSWAMI VISHWANATH	2	4	3	9	2	4	3	9	2	4	3	9	6	5	8	9	28
36	YERNE YASH MANOHAR	2	3	3	8	2	3	3	8	2	3	3	8	6	5	7	7	25


Internal Examiner


Head

Department of Computer Science

Dept. of Computer Sci.
M. H. College, Bramhapuri
Dist. Chandrapur

Nevjabai Hitkarini College, Bramhapuri

Department of Computer Science

Gondwana University Practical Examination & Internal Assessment WIN 2022

CLASS: B.Sc. - I SEM II (CBCS) Computer Science

Date : 02 DEC. 2022

S.N.	NAME OF STUDENT	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
		Assign- ment (02)	Class test (05)	Participa- tion/Sem- inar (03)	Total (10)	Attend- ance (02)	Class Test (05)	Participat- ion/Semi- nar (03)	Total (10)	Reco- rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	ABHAY SANJIV TUPKAR	2	4	3	9	2	3	3	8	6	5	8	7	26	
2	ACHAL ATMARAM WADHAI	2	3	3	8	2	3	3	8	5	5	7	8	25	
3	AISHWARYALAXMI DILIP CHAUKE	2	4	3	9	2	3	3	8	6	5	8	7	26	
4	AKANKSHA JAYANT MESHARAM	2	5	3	10	2	4	3	10	6	6	9	8	29	
5	AMIT RADHESHAM DHOTE	2	3	3	8	2	3	3	8	6	5	8	7	26	
6	ANIKET SHISHUPAL DAHIWALE	2	4	3	9	2	4	3	9	6	5	8	8	27	
7	ARUNDHATI HEMANT DOLHARE	2	3	3	8	2	3	3	8	5	5	7	8	25	
8	ASHWINI AMBADAS DANGE	2	5	3	10	2	5	3	10	6	6	9	8	29	
9	ATHRAV SANJAY FUENZELE	2	4	2	7	2	3	3	8	5	5	5	5	20	
10	BHAGYASHRI SUBHASH NANHE	2	3	2	7	2	3	3	8	4	4	7	7	22	
11	CHANDA KRIPALDAS NAKADE	2	3	3	8	2	4	3	7	4	4	8	7	23	
12	CHANDANI NANAJI BAGMARE	2	4	3	7	2	3	3	8	6	5	8	8	27	
13	CHETAN RATIRAM THAKARE	2	5	3	10	2	4	3	9	6	5	9	8	28	
14	DIMPAL PUNDLIK KAMTHE	2	3	3	8	2	3	3	8	5	5	7	8	25	
15	EKTA SANTOSH BILGAYYA	2	5	3	7	2	3	3	8	6	5	8	7	26	
16	GAURAV BHAURAO MESHARAM	2	4	2	9	2	4	3	9	6	5	9	8	28	
17	GAURI NANDKUMAR ANAWALE	2	4	3	8	2	4	3	9	6	5	8	8	27	
18	HIMANI BHAGWAN BODELE	2	5	3	7	2	3	3	8	5	5	7	8	25	
19	JANVHI RAJESHWAR GIRADKAR	2	4	3	9	2	4	3	9	6	5	8	7	26	
20	KALYANI SANJAY CHINCHEKAR	2	3	3	8	2	3	3	8	5	5	7	8	25	
21	MILIND NARENDRA THAKARE	2	5	3	10	2	5	3	10	6	6	9	8	29	
22	NEHA SANTOSH PRADHAN	2	4	3	9	2	4	3	9	6	5	8	7	26	
23	NIKHIL TREMBAK TUPAT	2	3	3	8	2	4	3	9	4	4	7	7	22	

24	PORAS RAMESH PARDHI	2	5	3	10	2	5	3	10	6	6	9	8	29
25	PRACHI GANGADHAR DUNEDAR	2	4	3	9	2	4	3	9	6	5	8	7	26
26	PRADNYA GOKUL MESHARAM	2	4	3	9	2	4	3	9	6	5	8	8	27
27	PRANALI SUNIL CHANNE	2	3	3	8	2	3	3	8	5	5	7	8	25
28	PRANALI SANJAY SHIVANKAR	2	3	3	8	2	4	3	9	6	5	8	8	27
29	PRANALI SUBHASH SHENDE	2	4	3	9	2	3	3	8	6	5	8	8	27
30	PRANOTI C. DEWAIKAR	2	4	3	9	2	5	2	9	6	5	9	8	28
31	PRASHIK ASHOK GEDAM	2	3	3	8	2	3	3	8	4	4	8	7	23
32	ROHIT SANJAY BODALKAR	2	4	3	9	2	4	3	9	6	5	9	8	28
33	RUTUJA BALKRISHNA THAKARE	2	5	3	10	2	5	3	10	6	6	9	8	29
34	SAKSHI MANIK SAHARE	2	4	3	9	2	3	3	8	6	5	8	7	26
35	SANGITA PRABHAKAR KARUTKAR	2	3	3	8	2	3	3	8	5	5	7	8	25
36	SANJANA P. DIGHORE	2	3	3	8	2	3	3	8	5	5	7	8	25
37	SANKET GANESH PIPARE	2	3	3	9	2	4	3	9	6	5	9	8	28
38	SHEJAL SHAILESH SAHARE	2	3	3	8	2	4	3	9	5	5	7	8	25
39	SHIVANI RAVINDRA MOHATURE	2	3	3	8	2	3	3	8	6	5	8	7	26
40	SHRAVANI GANESH MISAR	2	3	3	8	2	4	3	9	6	5	8	7	26
41	SHRIKRUSHNA UMESH LICHADDE	2	3	3	8	2	3	3	8	6	5	8	7	26
42	SMITA BHASHKAR SONKUSARE	2	4	3	9	2	4	3	9	6	5	8	7	26
43	SUYOG MANGESH NAGOSE	2	3	3	8	2	3	3	8	5	5	7	8	25
44	SWAPNIL WASUDEO GAVTURE	2	3	3	8	2	3	3	8	4	4	8	7	23
45	TRUPTI DHANANJAY BANPURKAR	2	3	3	8	2	4	3	9	6	5	8	7	26
46	TRUPTI SANJAY LOKHANDE	2	3	3	8	2	3	3	8	5	5	7	8	25
47	UDDESH UMAJI KHARWADE	2	3	3	8	2	3	3	8	5	5	7	8	25
48	VAIBHAV JIVAN BHAISARE	2	3	3	8	2	4	3	9	6	5	8	7	26
49	VAISHNAVI GOPAL HUKARE	2	3	3	8	2	3	3	8	4	4	7	7	22
50	VINAY RAMDAS MESHARAM	2	3	3	8	2	3	3	8	5	5	7	8	25


Internal Examiner


Head
Department of Computer Science

Head
Department of Computer Science
K. H. College, Baramulla
Dist. Cuddalore

Nevjabai Hitkarini College, Bramhapuri

Department of Computer Science

Gondwana University Practical Examination & Internal Assessment WIN 2022

CLASS: B.Sc.-II SEM IV (CBCS) Computer Science

Date : 01 DEC. 2022

S.N.	NAME OF STUDENT	Internal Assessment : Paper I				Internal Assessment : Paper II				Practical Exam				Remark	
		Assign ment (02)	Class test (05)	Participat ion/Semin ar (03)	Total (10)	Attend ance (02)	Class Test (05)	Participat ion/Semi nar (03)	Total (10)	Reco rd (6)	Viva (6)	Exp. (A) (09)	Exp. (B) (09)		Total (30)
1	AMBORKAR DIGVIJAY SHIVRAM	2	4	3	9	2	5	2	9	6	5	8	7	26	
2	BAGADE SHREYASH PYARELAL	2	4	2	8	2	4	3	9	5	5	6	5	21	
3	BHANARKAR NANDINI AVINASH	2	4	3	9	2	3	3	8	5	5	7	7	24	
4	BORKAR SALONI GULAB	2	4	2	8	2	5	2	9	6	5	8	7	26	
5	BORKAR AAKANSHA DIGESHWAR	2	4	3	9	2	4	3	9	6	5	8	8	27	
6	DHONGE REVAN SUDHAKAR	2	4	3	10	2	5	3	10	6	6	9	8	29	
7	DODJAD KHUSHI SANJAY	2	4	2	8	2	5	3	9	5	5	7	8	25	
8	DONGARE PIYANSHU NARENDRA	2	5	3	10	2	5	3	10	6	6	9	8	29	
9	GADE VAISHNAVI SURESH	2	5	3	10	2	5	3	10	6	6	9	9	30	
10	IKHAR PUJA BHAGWAN	2	4	3	9	2	5	3	9	6	5	8	8	27	
11	KAWLE SHRADDHA VIJAY	2	4	2	8	2	5	3	9	6	5	8	7	26	
12	KHARKATE SOHAM YASHWANT	2	4	3	9	2	5	3	10	6	6	9	8	29	
13	KUTHE DIKSHA SHAMRAO	2	4	2	8	2	5	3	9	6	5	9	8	28	
14	LODHE PRANAY RAVINDRA	2	4	3	9	2	4	2	8	6	5	8	8	27	
15	LOKHANDE YASH SHAMLAL	2	4	3	9	2	3	3	8	6	5	8	7	26	
16	NANDANWAR NIKITA KRUSHNA	2	4	2	8	2	5	3	9	6	5	8	7	26	
17	NIKURE TRUPTI KRUSHNA	2	4	2	8	2	5	3	9	6	4	8	8	27	
18	PATEL MANASVI ASHOK	2	5	3	10	2	5	3	10	6	6	9	9	30	
19	SANGOLE SWAPNAJA VIJAY	2	4	2	8	2	5	3	9	6	5	8	7	26	
20	SARKAR SUBHAM SAMEER	2	4	2	8	2	3	3	8	4	4	6	7	21	
21	SARKAR HITESH SUSHANT	2	4	2	8	2	4	2	8	4	4	6	7	21	

22	SHAHANE MINAL NARENDRA	2	4	2	8	2	3	3	8	4	4	7	7	22
23	THENGARI PRANOTI HARIDAS	2	4	2	8	2	5	3	9	6	5	9	8	28
24	THOMBARE ACHAL ANIL	2	4	2	8	2	3	3	8	6	5	8	8	27
25	UJKE SHRUTIKA RAMESH	2	4	2	8	2	5	3	9	6	5	8	7	26
26	URADE SAKSHI ASHOK	2	5	3	10	2	5	3	10	6	6	9	9	30
27	URADE AMIT SANJAY	2	4	2	8	2	5	2	9	6	4	8	7	25

 Interned



Head
Department of Computer Science

(Head)

Dean of Computer Sci.
N. V. College, Bramhapuri
Dist. Chandrapur

School Attendance Register
 न-हाजरी बुक

Month / माह
 Dist / जि.
 Tah / ता.

Pr. days of month मा. र. दि.
 P days after Annu. Exam.
 Total Pr. days एकतर दिवस

Day & Date
 तारीख व वार

दररोजची हाजरी

Daily Attendance

Birth Date जन्म तारीख

Admission Date दाखल तारीख

Caste जात

Mother's Name आईचे नांव

Full Name and Surname of the Student
 विद्यार्थ्याचे पूर्ण नांव
 आडनामासह

Serial No. श्र. क्र. नं.	Adm. R. No. दा. नं.	Full Name and Surname of the Student विद्यार्थ्याचे पूर्ण नांव आडनामासह	Mother's Name आईचे नांव	Caste जात	Admission Date दाखल तारीख	Birth Date जन्म तारीख	Daily Attendance	Pr. days of month मा. र. दि.	P days after Annu. Exam. अनु. परी. नंतर दिवस	Total Pr. days एकतर दिवस	Term Fee शिस्तफाटी फी	Other Fee अन्य फी	Signature सही
1	8010962917	1. AAKANSHA DIGESHWAR BORKAR											
2	9834141320	2. ACHAL ANIL THOMBARE											
3	9975952584	3. ADITYA RAGHUNATH FUNDE											
4	9158932453	4. AMISHA RAJU GHATURKAR											
5	8390724759	5. AMIT SANJAY URADE											
6	9370139176	6. ASHISH CHANDRASHEKHAR NEWARE											
7	7248999894	7. DIGVIJAY SHIVRAM AMBORKAR											
8	8554928818	8. DIKSHA SHAMRAO KUTHE											
9	7499304225	9. HARSHAL RAVINDRA CHAUKE											
10	9112758609	10. HITESH SUSHANT SARKAR											
11	9322104849	11. KHUSHAL NARESH PUNHEKAR											
12	8459688747	12. KHUSHI SANJAY DOJAD											
13	7821012724	13. MANASI RAMKRUSHNA RAKHADE											
14	8999485789	14. MANASVI ASHOK PATEL											
15	7758952402	15. MINAL NARENDRA SHAHANE											
16	7972611963	16. NANDINI AVINASH BHANARKAR											
17	9637445802	17. NIKITA KRUSHNA NANDANWAR											
18	7666691878	18. PIYANSHU NARENDRA DONGARE											
19	9881886172	19. POOJA MAHADEO BHOYAR											
20	8261830857	20. PRANAY RAVINDRA LODHE											
21	7066746730	21. PRANOTI HARIDAS THENGARI											
22	9975116950	22. PUJA BHAGWAN IKHAR											
23	8459402537	23. REVAN SUDHAKAR DHONGE											
24	9158542187	24. SAKSHI ASHOK URADE											
25	9356872177	25. SALONI GULAB BORKAR											
26	9765952480	26. SHIWANI GOWARDHAM SARAYE											
27	8767666843	27. SHRADDHA VIJAY KAWLE											
28	9112386535	28. SHRAVANI SAMBHAJI YENURKAR											

Month / माह
 Dist / जि.
 Tah / ता.

Pr. days of month मा. र. दि.
 P days after Annu. Exam.
 Total Pr. days एकतर दिवस

Day & Date
 तारीख व वार

दररोजची हाजरी

Daily Attendance

Birth Date जन्म तारीख

Admission Date दाखल तारीख

Caste जात

Mother's Name आईचे नांव

Full Name and Surname of the Student
 विद्यार्थ्याचे पूर्ण नांव
 आडनामासह

N. H. College Bramhapuri

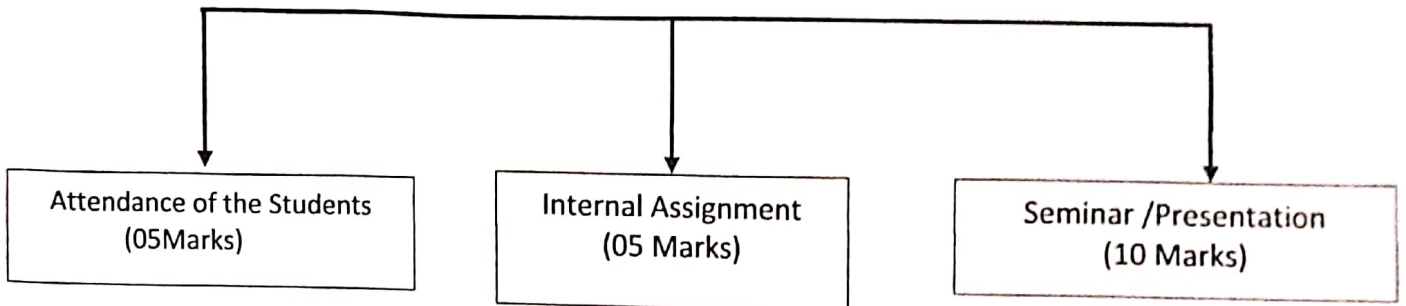
Department Of Economics

Internal Assessment Mechanism

2022-23

Internal Assessment Mechanism

(Total Marks 20)



Dr. R. L. Ade
Head
Department Of Economics

**B.A.I (Economics) (Nature of Internal Assessment)
SEMESTER PATTERN**

1. Assignment to students by respective paper teachers - 05 marks.
2. Attendance of the students - 05 marks.
3. Seminare/presentation of the student to the respective paper (by respective paper teacher) - 10 marks

M.A. (Economics)

(Nature of Internal Assessment)

SEMESTER PATTERN (CBCS)

- | | |
|---|--------------------|
| 1. Assignment to students by respective paper teachers | - 05 marks. |
| 2. Attendance of the students | - 05 marks. |
| 3. Seminar/Presentation of the student to the respective paper
(by respective paper teacher) | - <u>10 marks.</u> |
| Total | - 20 marks |

Handwritten signature

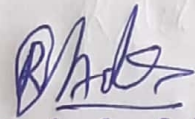
Handwritten signature

Handwritten signature

Handwritten signature

Large handwritten signature

N. H. COLLEGE BRAMHAPURI
DEPARTMENT OF ECONOMICS
Attendance Of Students
(Total- 5 Marks)



Dr. Raju L. Ade
Head
Department of Economics
N. H. College, Bramhapuri

School Attendance Register

स्कूल हाजरी बुक

B.A.-II Year - SEM III & IVth

Tah / ता.

Dist / जि.

Month / माह



Serial No. अनुक्रम नंबर	Adm. R. No. दा. खा. र. नं.	Full Name and Surname of the Student विद्यार्थ्याचे पूर्ण नांव आडनावासह	Mother's Name आईचे नांव	Caste जात	Admission Date दाखील तारीख	Birth Date जन्म तारीख	Daily Attendance		दररोजची हाजरी		Day & Date		तारीख व वार		Pr. days of Month मास म. ह.	P days after Annu Exam पेक्षा मा. प. परीक्षा हा दिवस	Tot. pr. days एकेवर् होवर	Term Fee शिष्टावली की	Other Fee	Signature सही
							P	A	P	A	P	A	P	A						
01		Dikeshwar R. Dalhaze				19/07/07	P	P	P	P	P	P	P	P						
02		Anshul H. Meshram				20/07	P	P	P	P	P	P	P	P						
03		Snehakar S. Pandao				22/07	P	P	P	P	P	P	P	P						
04		Sonal S. Rukhade				23/07	P	P	P	P	P	P	P	P						
05		Devidas R. Misar				27/07	A	P	P	P	P	P	P	P						
06		Rajini K. Karambe				29/07	P	P	P	P	P	P	P	P						
07		Vyushabh A. Navghare				30/07	P	P	P	P	P	P	P	P						
08		Prajakta P. Adkine				31/07	P	P	P	P	P	P	P	P						
09		Sharad S. Dhore				01/08	P	P	P	P	P	P	P	P						
10		Yash K. Karambe				02/08	P	P	P	P	P	P	P	P						
11		Roshan G. Lonare				03/08	P	P	P	P	P	P	P	P						
12		Snehal M. Nakshine				04/08	A	P	P	P	P	P	P	P						
13		Aditya A. Rahod				05/08	P	P	P	P	P	P	P	P						
14		Supriya D. Thakare				06/08	P	A	P	P	P	P	P	P						
15		Gaurav M. Nagpure				07/08	P	P	P	P	P	P	P	P						
16		Shubham R. Masbate				08/08	P	A	P	P	P	P	P	P						
17		Sopan A. Donadkar				09/08	P	P	P	P	P	P	P	P						
18		Vaishnavi R. Chidluke				10/08	P	P	P	P	P	P	P	P						
19		Rupali S. Raut				11/08	P	A	P	P	P	P	P	P						
20		Shubham Y. Chaudhari				12/08	P	P	P	P	P	P	P	P						
21		Armit D. Masram				13/08	P	P	P	P	P	P	P	P						
22		Lalit K. Ramdhare				14/08	P	P	P	P	P	P	P	P						
23		Nisha R. Bhagadkar				15/08	P	P	P	P	P	P	P	P						
24		Rakesh P. Bhamburde				16/08	P	P	P	P	P	P	P	P						
25		Utkarsh S. Kamdi				17/08	P	P	P	P	P	P	P	P						
26		Harshik R. Amborkar				18/08	P	P	P	P	P	P	P	P						
27		Pranod N. Bardi				19/08	P	P	P	P	P	P	P	P						
28		David D. Gurnule				20/08	P	P	P	P	P	P	P	P						

School Attendance Register

स्कूल हाजरी बुक

B.A. III - SEM V & VI



Serial No अग्रक्रम नंबर	Adm. R No दा. का. र. नं.	Full Name and Surname of the Student विद्यार्थ्याचे पूर्ण नांव आडनावासह	Mother's Name आईचे नांव	Caste जात	Admission Date दाखील तारीख	Birth Date जन्म तारीख	Daily Attendance		दररोजची हाजरी		Day & Date		तारीख व वार		Pr. days of Month प्रा. मं. रं.	P days after Abny. Exam मैलाचा प. परीक्षा हा. दिवस	Tot. pr. days एकरड इजा	Term Fee शिक्षणाची फी	Other Fee	Signature राही
							1	2	3	4	5	6	7	8							9	10	11	12
01		Nilima S. Gedam				13/07/2022	P	P	P	P	P	P	P	P						
02		Prityanka N. Kumbhारे				26/07	P	P	P	P	P	P	P	P						
03		Devanand B. Asai				27/07	P	P	P	P	P	P	P	P						
04		Shanmukh V. Bokade				26/07	P	P	P	P	P	P	P	P						
05		Pradnya G. Pise				26/07	P	P	P	P	P	P	P	P						
06		Mayur D. Maind				26/07	P	P	P	P	P	P	P	P						
07		Nikhil M. Dadmal				26/07	P	P	P	P	P	P	P	P						
08		Amir R. Tupat				26/07	P	P	P	P	P	P	P	P						
09		Vishal S. Meshram				26/07	P	P	P	P	P	P	P	P						
10		Swapnil V. Dhormane				26/07	P	P	P	P	P	P	P	P						
11		Diptanshu P. Bhagadkars				26/07	P	P	P	P	P	P	P	P						
12		Pritya R. Nishane				26/07	P	P	P	P	P	P	P	P						
13		Pranay V. Parolhi				26/07	P	P	P	P	P	P	P	P						
14		Prateek B. Bagmare				26/07	P	P	P	P	P	P	P	P						
15		Vaishali W. Moon				26/07	P	P	P	P	P	P	P	P						
16		Sakshi N. Lakhe				26/07	P	P	P	P	P	P	P	P						
17		Nitin B. Dhore				26/07	P	P	P	P	P	P	P	P						
18		Pratulla A. Khetye				26/07	P	P	P	P	P	P	P	P						
19		Pradnya D. Gadamate				26/07	P	P	P	P	P	P	P	P						
20		Dakshayani N. Chandhasi				26/07	P	P	P	P	P	P	P	P						
21		Jayant H. Ladke				26/07	P	P	P	P	P	P	P	P						
22		Swapnil M. Atram				26/07	P	P	P	P	P	P	P	P						
23		Aniket A. Gurnule				26/07	P	P	P	P	P	P	P	P						
24		Ketan A. Dodke				26/07	P	P	P	P	P	P	P	P						
25		Dimple T. Misra				26/07	P	P	P	P	P	P	P	P						
26		Prashant N. Karmake				26/07	P	P	P	P	P	P	P	P						
27		Naina M. Lamse				26/07	P	P	P	P	P	P	P	P						
28		Hivraj K. Bangale				26/07	P	P	P	P	P	P	P	P						

N. H. COLLEGE BRAMHAPURI

DEPARTMENT OF ECONOMICS

Internal Assignment

(Total- 5 Marks)



Dr. Raju L. Ade
Head

Department of Economics
N. H. College, Bramhapuri

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE

BRAMHAPURI, DIST. CHANDRAPUR



॥ यावे ज्ञानासाठी निघावे सेवेसाठी ॥

ASSIGNMENT BOOK

Semister - [✓]I/II /III/IV/V/VI
ACADEMIC SESSION

2022-2023

Name of the Student:- Anwit Nikumbh Nikumbh

Class: BA I Section (A)

Subject Roll No./Exam Seat No. _____

Obtained Mark _____

Gondwana University, Gadchiroli

NEVJABAI HITKARINI COLLEGE
BRAMHAPURI, DIST. CHANDRAPUR



CERTIFICATE

Department of :- Accountancy

This is to certify that Shri/Ku./Smt. Amrit Nilkamth

Naikam is a bonafide student of class

Roll No. _____ He/She has done Unsatisfactory /
Satisfactory / Good / Excellent Assignment work in the subject

In charge Lecture /

Head of the Deptt.

Principal

Sr. No.	Title	Page No.	Remarks
१)	अंशमिश्रणा व्याख्या वारीव्ये सामुज्य चिकामक परिष्ठाण करा.	१ - ३	
२)	डॉ मारालच्या व्याख्या वारीव्ये सामुज्य चिंता संपाठ करा.	४ - ६	
३)	डा सावित्राच्या व्याख्या वारीव्ये सामुज्य व्याख्याची परिष्ठाण करा.	७ - ११	
४)	आथिक नियम संपाठ कराय आथिक नियमांचा स्वल्प संपाठ करा.	१२ - १५	
५)	सांगणीय नियम संपाठ करून त्या नियमांचा उपवाद सांगता.	१६ - १७	

Time of Practical

1) अडमसिध्या व्याखाची वारीष्ट लागु रिडाळ्क
 परिक्षण कर.

उत्तर

अडमसिध्या १५ नु १९७६ मध्ये प्रकाशित जेलिया राज्याच्या संपत्तीचे स्वरूप व कारणमीमांसना या ग्रथात अथराष्ट्राची अशी व्याखा दिली आहे की राज्याच्या संपत्तीचे स्वरूप व कारणमीमांसाचे विवेचन करणाऱ्या शास्त्रास अथराष्ट्रा म्हणतात.

राज्याच्या संपत्तीचे उत्पादन वाटणी व विनिमयाचे साधने विवेचन करणाऱ्या शास्त्राला त्याने अथराष्ट्रा असं म्हणले आहे. परंपरावादी अथराष्ट्राचे जे सास. मित जे वी सध, राफुला लेकर यांचाई ह्येकीकिन अडम सिध्या प्रमाणे आहे. धनान अध्ययन करणारे शास्त्राचे अथराष्ट्रा असूच याई शास्त्राचे मत आहे 'धन' हाच यांच्या अथराष्ट्रा संवधी विचाराचा मूलाधार आहे.

राज्याची संपत्ती यात राष्ट्रीय संपत्ती व धन अथराष्ट्राचा अड्यास विषय समजून त्या संपत्तीचेच साविस्तर विवेचन केले गेले आहे. भारतीय धन हा आत्मिक व अभातिक या दोन प्रकारचे असते. अडम सिध्या जी वस्तु जिन्याव दिसते या स्वरुप करता येत आसाच आत्मिक वस्तुचा विचार केला आहे ज्या वस्तुची उपयोगिता दामजता मनुष्य वाहयता व विनिमयता हि चार लक्षण आडकेतात अशाच आत्मिक धनाचा विचार यात आडकेतात.

भौतिक विज्ञान :- यान भौतिक वस्तुचा उत्पादन
 जसे हॉल त्याची वाटणी व विनिमय कसा होतो
 आदीचा व्याख्यान प्राधान्य दिले आहे
 समाविभाजन :- राज्याचा संपत्तीचा वाढीस केवळ
 समाविभाजन कारणांमुळे घाबरण असा निष्पत्ती मिळत
 ठरतेना असा कि अयशास्तात होणे केवळ संपत्ती
 संपत्ती होय परंतु संपत्ती हे साध्य नसुन
 आहे याकडे अंशम रमिय याचे दुलक्ष होणे
 झाल्यामुळे त्याची व्याख्या शिकला पात ठरली.

संकुचित स्थान :- अंशम रमियने संपत्तीला सिद्ध
 होऊन मनुष्याला ग्राहक करील त्यामुळे अयशास्ताला
 संपत्तीचा शास्ता हेतू संकुचित स्थान प्राप्त झाले.
 संपत्ती साध्य नसुन साध्य आहे.

नसुन मानव कृत्यालाच साध्य आहे परंतु अंशम
 रमिय यांनी मानव कृत्याला ग्राहक कृत्यालाच
 विरोध म्हणून दिले
 आर्थिक मानव :-

अंशम रमियने आर्थिक मानवाची कल्पना
 गृहीत धरली आहे. अशा मानवाकडून ज. ज. आ.
 व्यापार करू जालात त्यामुळे स्वातंत्र्य साध्य कर
 हाच प्रयत्न हेच असतो स्वातंत्र्य साध्य करणे
 हा मनुष्याचा मुळ स्वभाव असल्याने सेवा
 भावनेने हीच होऊन मानवाकडून केल्या जाणाऱ्या
 व्यापारांमाध्यम धार्मिक सामाजिक राजकीय व नीतिक
 आदि हेतू असू शकतात याकडे अंशम रमियने पुढे
 दुलक्ष झाले आहे.

me of Practical

संक्षेपित व्याख्या :-

राष्ट्राच्या संपत्तीचे उत्पादन वाढी व विनिमय याने प्राधान्य दिले तरी संपत्तीला माध्यमान मानवी कृत्यांनाच्या हेतू साध्य होत असता. याचा विचार करताना अंशम विमय याची व्याख्या संक्षेपित

होते. सांख्यिक अभ्यास पध्दती :- परंपरागत अभ्यासात मूल्यात अभ्यासाचा स्वरूप स्पष्ट होण्यामुळे अंशम विमय ही अभ्यास पध्दत देखील सांख्यिक होत. अंशम विमय याची व्याख्या सद्यस्थितीत जवळ जवळ

जवळीक होत आहे. आद्य काळ प्रचलित होती त्याच काळात अंशम विमय पूर्वी अभ्यासातला पद्धतिये अभ्यासात संपादन जात आहे. संपत्तीचे प्राप्ती म्हणून का होताना अंशम विमय याची अभ्यासातला स्वतःचा प्राप्तीचा अर्थ होतो.

अर्थव्यवस्था नसे त्या अभ्यासाचा प्रत्यक्ष व व्याप्ती म्हणून अभ्यास देखील अंशम विमय याचा अर्थ मान्य होत लगत.

Page of Practical

Page of Practical

2) डॉ. भारतीच्या व्याख्येची वैशिष्ट्ये सांगून व्याख्येची
रिक्त पंक्त भरा.

उत्तर : डॉ. भारतीच्या कल्पनावादी व्याख्येची
वैशिष्ट्ये खालीलप्रमाणे आहेत -
अधिराष्ट्रा हे जीवनाच्या सामाज्य व्यवहारात गुंतलेल्या
मानवी समाजाचा अडथळ घेथ :-

जून भारतीने अधिराष्ट्रांना सामाजिक शांतीच्या दृष्टी
पुढे जेव्हा परत भारतीला या मुल्य समाजाचा
एक भाग आहे व जो स्वसाधारण मानवाप्रमाण
व्यवहार करतो अशाच मानवाचा या समाजापासून
दूर राहतात व साधुता मध्ये स्थित राहिल्या
जीवन कुठलात त्यांचा अधिराष्ट्रांच्या
कडेत भोडत नाही कारण अशा मानवांचे
व्यवहार असामान्य ठरले असतात.

भारतीय समाजाची शांती व उपयुक्त शांती
सुवाचीन यथाकत व सामाजिक सुखाला अडथळ
डॉ. भारतीच्या मते अधिराष्ट्रांचे समाजिक जेव्हा
भारतीय समाजाची शांती व उपयुक्त शांती
सुवाचीन सुखाला अडथळ ठरू लागते त्यात
मुल्य पंथाने डॉ. भारतीच्या या दृष्टिकोनामुळे
मानवी कुलगाल सहाय्यकारी अशी धोरण उभा
साधने अधिराष्ट्रांच्या अधिराष्ट्रांवादी राहतात.

जिपलीच्या अधिराष्ट्रांच्या अधिराष्ट्रांचे
मनुष्याकडून मनुष्य जिपलीकडून नाहिले. जिपली
जेव्हा मानवी कुलगाल साधने मात्र आहे. डॉ.
भारतीच्या पंक्त मते आहे तसेच अधिराष्ट्रांचे
जिपलीचा अधिराष्ट्रांचे मानवी कुलगाल एक साधने हे

Practical

म्हणून केला जातो. संपत्ती व मानव दसा दोघांचा अर्थशास्त्र
 माराल्याच्या व्याख्यातील निरंतर व शिवच्ये साध्य या
 महत्त्वपूर्ण आहे त वाक्य म्हणजे अर्थशास्त्र हे
 गाळा वाजून संपत्तीचा व कुतूहल आणणे अधिक
 महत्त्वपूर्ण वाजून मानवाच्या अर्थशास्त्रात एक भाग
 होय या वाक्यावरून हे स्पष्ट होते कि अर्थशास्त्रात
 संपत्ती व मानव दसा या दोघांचा जरी अर्थशास्त्र
 होत असला तरी संपत्तीपेक्षा प्रमुख स्थान प्रदान
 करण्यात आले आहे.

जागेच्या नापडलेली आहे. माराल व्याख्या माराल्याच्या
 फक्त मानव कृत्यांसाठी प्रवृत्ती आना मोलिके
 साधनाच्या अर्थशास्त्र केल जातो. अशा प्रकारे स्थान
 अर्थशास्त्राच्या साधनाच्या अर्थशास्त्राच्या अर्थशास्त्र
 घेतले आहे परंतु साधनाच्या अर्थशास्त्र हे अनुचित
 आहे कारण अर्थशास्त्राच्या अर्थशास्त्रात मोलिके लक्ष्य
 अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 व्याख्यात पाहिले असताना जरी केले नाही तर
 ज्या मनुष्याच्या सिध्दांताच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 अर्थशास्त्राच्या साधनाच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 होताना मनुष्याच्या सिध्दांत निरर्थक असले पावेनासने
 आपले प्रत्येक सिध्दांत ने डिग्नित्युमने ने Economics
 मध्ये मानव कृत्यांसाठी साधनाच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 अर्थशास्त्राच्या साधनाच्या अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 साधनाच्या अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 त्याच्या अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या अर्थशास्त्राच्या
 प्रामाण्य देत आला महत्त्व आहे.

Practical

1) ~~सं~~ मरुत याच्या व्याख्यान पुढील अधिक महत्त्व असून यापुढी माहितीची भर अयराष्ट्रात हे एक सामाजिक पाठ आहे तर राविन्सच्या मन मरुत याच्या वरचढे होते मरुतच्या शास्त्र (Science of man) आहे.

2) मारालन अयराष्ट्राला वास्तविक पाठ्या अयराष्ट्राचा व कुल मानल आहे. अथवा याच्यामुळे अयराष्ट्राचा अक्यास केवळ ज्ञान प्राप्त करताच न होत कुल जातीसाठी पुढील होत असतो परंतु राविन्सच्या अयराष्ट्रात हे लक्षणीय शास्त्र शास्त्रात जन्मपात्र अयराष्ट्रात एक किशुदरपात्र (वास्तविक शास्त्र) आहे अथवा याच्यामुळे अयराष्ट्रात मानवी ज्ञानाची कक्षा वाढवित.

3) राष्ट्रीय आहे. कारण जे राविन्सन मारालन शैतिकतेवर आधारित संकुचित अयराष्ट्राची व्याप्ती वाढविले व या पाठ्याची उधारणी असा तत्पात्र केली ती जी तय केली व त्याची मानस होत व शिष्य व्याख्येचा अयराष्ट्राची पुनः कक्षा सापुटा वा धनीत पाठ्या असत आसून अक्यास व वाव नाहे व जीवती मारालन मारालन कुल मानव शिष्यांना आधिक्य व अगाधत्व कियत विभारणत जेव्हा पुढील युक्त्य आहे असा फुल्ले मरुत मारालन व्यक्त आहे.

4) शिष्यांमार्क व्याख्या.

5) पण वैकल्पिक उपायाची सादण त्यामुळे आधिक्य समरथा अक्यास ज्या समरथे पुराण अस आहे के. जे मरुत व्यक्त पुढील व सुपकाळ लागू पडते जे अथवा व्याख्येच्या पदमान आढळते

Teacher's Signature _____

थेत नाई.

७ भौतिक व अणुगतिक वस्तुच्य विचार :- भारतीय आपत्तय

व्याख्यान केवळ भौतिक वस्तुजाच स्थान देवत करि
आई. परंतु साधनसुख आपत्तय व्याख्यान भौतिक
व अणुगतिक द्या. दोन्ही प्रकारच्या वस्तुजासमविषय
केल आई.

८ मानव कृत्याणांचा विचार आणख्य :- भारतीय आ
व्याख्यान मानव कृत्याणांचे पर दिला आई

परंतु साधनसुख निश्चुन सामेल व नालकता
याच मजुच संबंध जिले नाई स्वामल - वास्तु
नालक अणुगतिक भाचा विचार अथशास्त्रात हो
कुमान नय अथशास्त्रात हो वस्तुसुख शास्त्रा अथ
पाहिले.

९ विरलबलात्मक व्याख्या :- साधनसुख व्याख्या विरलबला
जाण व्याख्या मल मानव व्यवहार उरविक

हे असला उदा. आर्थिक सामाजिक साधनसुख
क्षामत उदा. द्या. पिलुची ज आर्थिक वा
असत रत्तु अथशास्त्र अथशास्त्रात केला जाला
सुखसुख साधनसुख व्याख्याला विरलबलात्मक सुख

१० विरलबलात्मक आर्थिक समस्येच विरलबला :- अनेक
नालय अणुगी दुमिके पण वकलपण अथशास्त्राची सा

सामके निमित्त आर्थिक समस्ये करी सुखवाच
समस्ये याच अथशास्त्रात विवेचन करु जाले.
साधनसुखसुख आर्थिक समस्ये हाच अथशास्त्रा
अथशास्त्राचा गाथा हाच

११ पुराण पुराणिक व पण व्याख्या :- साधनसुख द्यानी
व्याख्या नापी पुराणिक व पण लस्य नाजक्या पावला

शाब्दात् आमुनाहं मी निरंदिह्ये आहं.

 शाब्दस्य व्याख्येयार्थ शीकाः

शाब्दस्य व्याख्येयार्थ शीकाः

 शाब्दस्य व्याख्येयार्थ शीकाः

 शाब्दस्य व्याख्येयार्थ शीकाः

शाब्दस्य व्याख्येयार्थ शीकाः

 शाब्दस्य व्याख्येयार्थ शीकाः

शाब्दस्य व्याख्येयार्थ शीकाः

 शाब्दस्य व्याख्येयार्थ शीकाः

शाब्दस्य व्याख्येयार्थ शीकाः

 शाब्दस्य व्याख्येयार्थ शीकाः

शाब्दस्य व्याख्येयार्थ शीकाः

 शाब्दस्य व्याख्येयार्थ शीकाः

ne of Practical

of Practical

4
उत्तर

आर्थिक नियम म्हणजे काय ? आर्थिक नियमांचे स्वरूप स्पष्ट करा. व्यवहारत नियम हा शब्द अर्थाने पुस्तक प्रमुखा केल्या जाता सामाजिक नियम म्हणतात. सरकारी कायदे व राष्ट्रीय नियम सामाजिक नियम.

व्याक्तिने काय काय ? काय काय यासंबंधित मजदराक कुराऱ्या नियमांना सामाजिक नियम म्हणतात. हे नियम समाजातील प्रकीर पीलीरिवाजाक व नैतिकतेक आधारीत असतात. म्हणतात नियम.

दृष्टीने जे नियम बनवि जातात त्यांना म्हणतात. सरकारी कायदे हे शाखा प्रकीरतपणे चालवे यासाठी म्हणतात.

सरकारी कायदे हे शाखा प्रकीरतपणे चालवे यासाठी म्हणतात. हे शाखा प्रकीरतपणे चालवे यासाठी म्हणतात. हे शाखा प्रकीरतपणे चालवे यासाठी म्हणतात. हे शाखा प्रकीरतपणे चालवे यासाठी म्हणतात.

राष्ट्रीय नियम :- दोन शकामधील कार्यकारा विराद कुराऱ्या नियमांना राष्ट्रीय असतात. लोक विवेचनाचा प्रारंभ होतो अथवा राष्ट्रीय नियम केवळ शिष्टाच अर्थाने वापरले जातात हे स्पष्ट होते. कुराऱ्या अथवा राष्ट्रीय हे राष्ट्रीय नियमांकारा व परिणाम याचा संबंध दहाविसात भागणीया नियम असता.

Practical

डॉ. माशेलची व्याख्या :- आर्थिक नियम केवल विवरणात्मक अर्थाने व्यक्त करतात आणि फल देते.

 डॉ. माशेलची व्याख्या :- आर्थिक अथवा नियम अथवा आर्थिक प्रवृत्तीचे वर्णन करणे हे अर्थ सामाजिक नियम होणे की त्यांच्या संबंध मानवी व्यवहार/प्रथा अशा शास्त्रीय आद व्याख्या प्रत्येक इच्छाची निवृत्ता प्रभाव्या प्रवृत्त्यातून मिळता येते असा प्रभाव्या अर्थाने आर्थिक नियम होतो.

 डॉ. फेलोव्हॉर की "मानवाच्या आर्थिक व्यवहाराने वाढती सामाजिक प्रवृत्तीचे विधान म्हणजे आर्थिक नियम होतो".

"Economic Laws are Statements of Economic tendencies of those Social laws which relate to branches of conduct in which the strength of motives chiefly concerned can be measured by a money."

डॉ. फेलोव्हॉर यांच्या मते आर्थिक अथवा आर्थिक नियमांचा अर्थ होतो त्या नियमाने आर्थिक व्यवहार असा प्रभाव्या अर्थाने "अर्थ सामाजिक" व अर्थ सामाजिक असा अर्थाने आर्थिक नियम होतो.

७. आर्थिक नियम प्रवृत्तीचे असतात :-

 अर्थसामाजिक मनुष्य व त्याचे व्यवहार असे मनुष्य हा प्रवृत्तीचे प्रवृत्ती आहे. त्याला आचारविचार प्रवृत्ती असते. आर्थिक सामाजिक मान्य या नात्याने अर्थ प्रवृत्ती सामाजिक व्यवहाराचे अर्थ सामाजिक नैतिक अर्थ अर्थ व अर्थ व्यवहाराचे प्रभाव असतो. लक्षणा व्याख्या वाचनक्षमता.

Practical

Practical

आचरणालाक मुलमान प्रवृत्ती सर्वसाधारण प्रवृत्ती
 आढळते या प्रवृत्तीला आधार मानून अर्थशास्त्रात
 नियम सथा केले जात आम्हाला उदा. भागणीच्या
 नियमांत वारसुची किमत कमी होण्याची शक्यता
 यत्पत्ती जात ही मान्य बहुधा याच प्रकार वा
 आढळतात म्हणून आर्थिक नियम प्रवृत्तीद्विक असतात
 अस म्हणून जात.
 कपल आर्थिक व्यवहारांचे विवेचन अर्थशास्त्र
 अनुसंधानविषय मनुष्या व संपत्ती इष्ट मनुष्य
 संपत्तीविषयक व्यवहार कृताना करारकार वातात
 याचे विवेचन आर्थिक नियम कृताना म्हणून
 आर्थिक नियमांचा कथल आर्थिक व्यवहारांशी
 असता अस म्हणून जात सहाजिकच आर्थिक
 व्यवहार राजकिय दाम्भक व नीतिक ल जात
 अर्थशास्त्रीय नियमांच्या कथल मीडल नादिल
 आर्थिक नियम काल्पनिक असतात अर्थशास्त्री
 नियम एक विविध परिस्थितीतच अनुसंधान
 कथाव्यत होत असतात अथात त सवप्रकार
 विषयकारच्या परिस्थितीत क क क क नादिल
 याच कारणास्तव प्रत्येक आर्थिक नियमाच्या मंग
 पुढे इतर परिस्थिती न लीय असतात ह्या वक्या
 रंगुण पाडलत असत ह्या नादिल परिस्थितीत
 सुवादे नादिल बदलल्यास आर्थिक नियम लक्ष्या
 लक्ष लक्ष पल नाद उदा. भागणीच्या नियमां
 इतर परिस्थिती लीय असतात वारसुची किमत
 वाढल्यास भागणी दस्त्याचा अनुभव येत अव्यथा
 योार नाद याप्रकार अर्थशास्त्रीय नियम काल्
 अथा नादिल परिस्थितीच्या सवमान पडोार असता
 म्हणुनच या निकामन म्हणतात की आर्थिक नियम कल

Teacher's Signature

5) मागणीचे नियम पार पाड करणे व्याजियमाचे
 अपवाद सोडा

मागणी आहेत.
 विक्रीत वस्तू - हलक्या वज्राच्या किंवा हलक्या वज्राच्या
 वस्तूना विक्रीत वस्तू असून ते हलक्या किंवा वस्तू
 किंमत कमी होताना तसेच पुढापुर्या या वस्तूची
 कमी लगे सध्या खरीद करीत असून काही लोकांचे
 वस्तूचे उलटाने वाढ झाल्यामुळे लोकांची पसंती
 चांगल्या वस्तूसाठी राहते पर पाहणे विक्रीत या
 किंमतेच्या वस्तू मागण्याच्या मागणीची निर्गम
 निरक्षण करणे जसे पदाची किंमत

मागणीच्या वस्तू :-
 मागणी करणे आलक्षण बगल क. हासिलीच्या
 वस्तू आहेत अशा वस्तूच्या वापरामुळे प्रतिष्ठा
 असून मागणी जाते म्हणून सीमित व्यक्ती अशा
 वस्तूच्या किंमतेत वाढ झाले असता त्यांच्या मागणीत
 वाढ होऊन हासिलीच्या वस्तू मागणीच्या
 नियमाला अपवाद मानल्या जाताना

किंमतीच्या आसपास किंवा उपस्थितीच्या पुढील
 दृष्टीत दृष्टीकोन :-
 अनेक वेळा उपस्थितीच्या असून
 वस्तू ही जास्त किंमतीच्या वस्तू चांगल्या
 वजाच्या असताना म्हणून अशा वस्तू किंमत
 वाढली असता यानी मागणीची वाढ होऊ
 उच्च वजाच्या वस्तूची किंमत वाढत असताना
 मागणी वाढत असते

Practical

अनुक्रमा परिणाम :-
 उपचारा प्रदत्तचि कमी उपाय गायला लोकांच्या
 अनुक्रमा कमी अनुक्रमा परिणाम असत म्हणतात
 उदाहरण :- गाई वजस व्यक्तींना लाजाराविषयीचे
 योग्य ज्ञान मिळत नसत किमतीतच वड सुधारविषयी
 त्या जागीच नसत म्हणून जास्त असुनारे न अधिक
 खर्चा खर्चात
 भाव्यकालीन किमतीचा अंदाज जेव्हा लोकांना
 भाव्यकालीन खर्चाचा किमतीत वाढत असताना अस
 वाढत तेव्हा त्याच वेळी मागणीच्या निश्चयाप्रमाणे
 जास्तना नसत याचा अर्थ वास्तुच्या किमती
 वाढत असताना लोक अधिक खर्चा खर्चात
 उदा :- मजगतीच्या निश्चयाप्रमाणे पुढील वाजारात
 किमती वाढत असतानादे अधिक खर्चा
 खर्चात दिवाळीच्या उपवादे साध्य तसे
 वास्तुच्या वास्तुच्या किमती वाढत असतानादे
 लोक वास्तुच्या किमतीला खर्चा खर्चात
 सवयीच्या वास्तु !

ज्या व्यक्तींना लोकांच्या सिंगारे लोक
 ह्या वास्तुच्या सिवालाची सवय जडली असताना ह्या
 वास्तुच्या किमती ली खर्चा कमी जाते. अशा
 प्रकारे ह्या मागणीच्या निश्चयाचा उपवाद आला.

७. ह्याच सिमात उपचारांगीतेचा निश्चय - वास्तुच्या
 वास्तुच्या सवाळात वाढ जात असताना सिमात
 उपचारांगीत ह्याच ह्याच जागारे असत म्हणून
 वास्तुच्या वास्तुची किमती कमी सिमात वास्तु
 उपचारांगीत वास्तुची जास्त नग सवयीची मागणी खर्चा

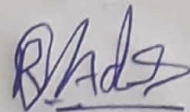
Name of Practical

1. वैद्युत परिणाम :- जल किमत हात घटा
 उपभोक्त्याची वारंवारिकता वाढत येऊन ती
 वास्तविक भागात कमी पडली याला उल
 परिणाम असे म्हणतात.

2. पथायता परिणाम :- पथायी वास्तव्यावरून उभे वि
 यत किंमत वाढलेल्या वास्तव्य भाग
 हात याला पथायता परिणाम असे म्हणतात.

3. वापका उपयोग वास्तव्य :- जल वास्तव्य अनेक
 वास्तव्यांमध्ये वापरली जात असून
 किंमत कमी पडत भागात वाढलेल्या वास्तव्य
 किंमत वाढली असल्या भागात कमी होत.

N. H. COLLEGE BRAMHAPURI
DEPARTMENT OF ECONOMICS
Class Seminar/ Presentation
(Total- 10 Marks)



Dr. Raju L. Ade
Head
Department of Economics
N. H. College, Bramhapuri

Nevjabai Hitkarini College, Bramhapuri

Department of Economics

Internal Assessment Scheme

Session 2022-23

Semester-VI

Class :- B.A. III

Sub:-

S N	Name of Student	Class Attendance Marks	Seminar		Assignment		Total Marks	Signature
			Presentation	Marks	Submission	Marks		
1	NILIMA SHALIK GEDAM	-	-	-	-	-	-	-
2	PRIYANKA NOMESHWAR KUMBHARE	-	-	-	-	-	-	-
3	DEVANAND BHASHKAR ASAI	-	-	-	-	-	-	-
4	SHANMUKH VASANT BOKADE	-	-	-	-	-	-	-
5	PRADNYA GAJANAN PISE	-	-	-	-	-	-	-
6	MAYUR DILIP MAIND	05	✓	10	✓	05	20	Required
7	NIKHIL MORESHWAR DADMAL	05	✓	10	✓	03	18	NMDadmal
8	AMIR RAVINDRA TUPAT	05	✓	10	✓	04	19	stupid
9	VISHAL SUBHASH MESHARAM	05	✓	10	✓	05	20	Pradnya
10	SWAPNIL VINAYAK DHOMANE	04	✓	10	✓	04	18	Pradnya
11	DIPTANSHU PRADIP BHAGADKAR	05	✓	10	✓	04	19	Pradnya
12	PRIYA RAMESH NISHANE	05	✓	10	✓	04	19	Pradnya
13	PRANAY VITTHAL PARDHI	-	-	-	-	-	-	-
14	PRITEE BHAGWAN BAGMARE	-	-	-	-	-	-	-
15	VAISHALI WAMAN MOON	04	✓	10	✓	05	19	Pradnya
16	SAKSHI NEPAL LAKHE	05	✓	10	✓	04	19	Blackhe
17	NITIN BHAGWAN DHORE	-	-	-	-	-	-	-
18	PRAFULLA ANANTKUMAR KHETRE	04	✓	10	✓	04	18	Pradnya
19	PRADNYA DNYANESHWAR GALMALE	05	✓	10	✓	05	20	Pradnya
20	DAKSHAYANI NARENDRA CHAUDHARI	05	✓	10	✓	05	20	Pradnya
21	JAYANT HOMRAJ LADKE	05	✓	10	✓	05	20	Pradnya
22	SWAPNIL MANOHAR ATRAM	04	✓	10	✓	04	18	Pradnya
23	ANIKET ASHOK GURNULE	05	✓	10	✓	05	20	Pradnya
24	KETAN ARUN DODAKE	05	✓	10	✓	05	20	Pradnya
25	DIMPLE TULSHIDAS MISAR	05	✓	10	✓	05	20	Dimple T. Misar
26	PRASHANT NAVLAJI KANNAKE	05	✓	10	✓	03	18	Pradnya
27	NAINA MANOHAR LANJE	05	✓	10	✓	05	20	Pradnya
28	HIVRAJ KALIDAS BANGARE	05	✓	10	✓	05	20	Pradnya
29	SHUBHAM KEWALRAM TUPTTE	05	✓	10	✓	03	18	Pradnya
30	SWATI BANDU GANDEWAR	05	✓	10	✓	05	20	Pradnya
31	ATISH RAMDAS WANASKAR	05	✓	10	✓	05	20	Pradnya
32	GANESH MUKUNDA MISAR	-	-	-	-	-	-	-
33	PANKAJ MORESHWAR MESHARAM	05	✓	10	✓	04	19	Pradnya
34	SHWETA PRAMOD AMBADE	05	✓	10	✓	04	19	Pradnya

Nejjabai Hitkarini College, Bramhapuri

Department of Economics

Internal Assessment Scheme

Session 2022-23

Semester-IV

Class :- B.A. II

Sub:-

S N	Name of Student	Class	Seminar		Assignment		Total Marks	Signature
		Attendance Marks	Presentation	Marks	Submission	Marks		
1	DIKESHWAR RAMHARI DOLHARE	-	-	-	-	-	-	-
2	ANSHUL HANSARAJ MESHAM	-	-	-	-	-	-	-
3	SNEHATAI SHANTARAM PANDAO	-	-	-	-	-	-	-
4	SONAL SURESH RAKHADE	-	-	-	-	-	-	-
5	DEVIDAS RAJENDRA MISAR	05	✓	10	✓	02	17	Omishree
6	RAGINI KAMLESH BHANARKAR	-	-	-	-	-	-	-
7	YASH KHUSHAL KARAMBE	03	✓	10	✓	04	17	Yash Khushal
8	VRUSHABH ANIL NAVGHARE	03	✓	10	✓	05	18	V.N. Navghare
9	PRAJAKTA PRABHAKAR ADKINE	05	✓	10	✓	05	20	Pratiksha
10	SHARAD SURESH DHORE	-	-	-	-	-	-	-
11	ROSHAN GAJANAN LONARE	05	✓	10	✓	05	20	Roshan
12	SNEHAL MORESHWAR NAKSHINE	04	✓	10	✓	05	19	S.M. Nakshine
13	ADITYA ASHOK RAHOOD	05	✓	10	✓	05	20	Aditya
14	SUPRIYA DINKAR THAKARE	-	-	-	-	-	-	-
15	GAURAV MADHAV NAGPURE	03	✓	10	✓	04	17	Gaurav
16	SHUBHAM RAVINDRA MARBATE	-	-	-	-	-	-	-
17	SOPAN ARUN DONADKAR	-	-	-	-	-	-	-
18	VAISHNAVI RAMCHANDRA CHILLUKE	03	✓	10	✓	05	18	Vaishnavi
19	RUPALI SANJAY RAUT	-	-	-	-	-	-	-
20	SHUBHAM YADAV CHAUDHARI	05	✓	10	✓	05	20	Shubham
21	AMIT DHANRAJ MASRAM	-	-	-	-	-	-	-
22	LALIT KAWADUJI RANDHAYE	03	✓	10	✓	04	17	Lalit
23	NISHA RAMDAS BHAGADKAR	03	✓	10	✓	05	18	Nisha
24	RAKESH PURUSHOTTAM BHANARKAR	05	✓	08	✓	03	16	Rakesh
25	UTKARSHA SURESH KAMDHI	05	✓	10	✓	05	20	Utkarsha
26	HARDIK RUPDEO AMBORKAR	-	-	-	-	-	-	-
27	PRAMOD NILKANTH BARDE	04	✓	10	✓	05	19	Pramod
28	DEVID DAMODHAR GURNULE	05	✓	10	✓	04	19	Devid
29	UMAKANT AKASH LOHAMBARE	04	✓	09	✓	04	17	U.A. Lohare
30	KUNTHAL ANAND GARADE	05	✓	10	✓	05	20	K.G. Garade

Nevjabai Hitkarini College, Bramhapuri

Department of Economics

Internal Assessment Scheme

Session 2022-23

Semester-II

Class :- B.A. I

Sub:-

S N	Name of Student	Class Attendance Marks	Seminar		Assignment		Total Marks	Signature
			Presentation	Marks	Submission	Marks		
1	MAYUR HOMRAJ KUMBHARE	-	-	-	-	-	-	-
2	SAHIL DEVANAND SONTAKKE	-	-	-	-	-	-	-
3	VAISHANVI RAJENDRA BHOYAR	05	✓	10	-	-	15	KRB
4	DNYANESHWARI PURUSHOTTAM AMBORKAR	04	✓	10	✓	05	19	D.P. Amborkar
5	VAIBHAV TULSHIDAS ZARKAR	-	-	-	-	-	-	-
6	RUTUJYA SUNIL DIGHORE	05	✓	10	✓	05	20	RSDighore
7	PRAJAKTA SUDHAKAR KUMBHARE	-	-	-	-	-	-	-
8	NAINA ARUN BHOYAR	05	✓	10	✓	05	20	Naina
9	VRUSHALI DIWAKAR BHAGADKAR	05	✓	10	✓	05	20	V.Bhagadkar
10	SAMIKSHA MAROTI NAWGHADDE	05	✓	10	✓	05	20	S.M. Nawghade
11	GAYATRI MANGESH CHINCHOLKAR	05	✓	10	✓	05	20	G.Chincholkar
12	JAYSHREE PANDHARI ADE	05	✓	10	✓	05	20	J.P. Ade
13	JAYASHRI DINESH NAGOSE	05	✓	10	-	-	20	J. Nagose
14	KAUSTUBH SATISH MESHARAM	-	-	-	-	-	-	-
15	ROHIT MADHUKAR MULLEWAR	05	✓	10	✓	05	20	R.Mullewar
16	PRANJYOTI ARUN BURADE	05	✓	10	✓	05	20	P.Burade
17	SAMIKSHA DILIP MESHARAM	05	✓	10	✓	04	19	S.Mesharam
18	KOMAL DEVENDRA MATERE	05	✓	10	-	-	15	K.Matere
19	GAYATRI DEVIDAS BHUTE	-	-	-	-	-	-	-
20	ALISHA SHIVDAS RAUT	05	✓	10	✓	05	20	A.Raut
21	KAJOL GANGADHAR LANDEKAR	-	-	-	-	-	-	-
22	KIRAN MADAN NAKTODE	04	✓	10	✓	05	20	K.M. Naktode
23	PRITI PRADIP SHENDE	-	-	-	-	-	-	-
24	VAIBHAV RAJKUMAR NAVGHADDE	-	-	-	-	-	-	-
25	SHIVANI NAMDEO MAIND	05	✓	10	✓	05	20	S.N. Maind
26	AJAY SHESHRAO WADHANKAR	05	✓	10	-	-	15	A.Wadhankar
27	NILESH KAILAS DADMAL	05	✓	10	✓	04	19	N.K. Dadmam
28	SARGAM MAROTI BHAGADKAR	05	✓	10	✓	04	19	S.Bhagadkar
29	SAURABH PURUSHOTTAM CHICHMALKAR	05	✓	10	-	-	15	S.Chichmalkar
30	KALYANI KISAN KARAMBE	-	-	-	-	-	-	-