

# Nevjabai Hitkarini College Bramhapuri

## Record of Remedial Classes conducted by various Departments for the Academic Session 2021-22

Department of English

Class: BAII (compulsory English)

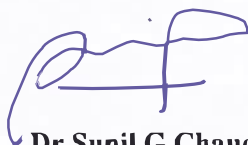
List of Student for Remedial Classes.

Sr No	Name of the students	Marks obtained (Out of 20)
1	ADE MAITHILI MANOHAR	9
2	ATHAWALE AKSHAY DEVIDAS	8
3	ATRAM SWAPNIL MANOHAR	9
4	AVSARE ANIKET NAVLAJI	5
5	AWASARE KAMLAKAR SANTOSH	7
6	AWASARE PRATIKSHA KISHOR	6
7	AWASARE ROHIT TEJRAM	5
8	AWASARE SHUBHAM ATUL	8
9	BADAN KARTIK TULSHIDAS	7
10	BAGMARE PAYAL RANJAN	9
11	BAGMARE PRITEE BHAGWAN	8
12	BAGMARE VIDYA KRUSHNA	9
13	BALPANDE PRANAY VIJAY	9
14	CHAUDHARI PRITI DEVANATH	9
15	DHANJULE PRITI DEVCHAND	9
16	DHOLE LAXMI VIJAY	8
17	DHOMANE SWAPNIL VINAYAK	8
18	GARADE MANISHA BABAN	7
19	GAYAKWAD KUNDAN PUNDLIK	7
20	GEDAM PRANALI MUKHARU	5
21	GEDAM NILIMA SHALIK	5
22	JANBANDHU VIJAYA NALIND	8
23	JENGATHE GAYATRI RATNAPAL	8
24	JENGATHE SANKET SANTOSH	9
25	JENGATHE VAIBHAV TULSHIRAM	9
26	JENGATHE SONAL BABAJI	6
27	KALAMKAR SEJAL VASANT	8
28	KAMBALI MANGESH TULSHIDAS	9
29	KHOBRAGADE VAIBHAV HARIDAS	8
30	KOSARE ASHISH BHANUDAS	9
31	KOSE PRAVIN VIRSEN	8
32	KULE AKSHAY NILKANTH	7
33	KUMARE ANKIT PATRU	8
34	KUMBHALE POOJA VISHWANATH	9
35	KUMBHARE PRIYANKA NOMESHWAR	9
36	KUMBHARE PAWAN SHRIRAM	9
37	LOKHANDE MAYURI RUSHI	9
38	LONARE KOMAL HIRAJI	8
39	MARBATE PALLAVI SURESH	8
40	MASKE DOSHENDRA DEVIDAS	7
41	MASRAM TEJASWINA RAMKRUSHNA	7
42	MASRAM VAISHNAVI VIJAY	8
43	MEHER KHUSHI RAMU	9
44	NAHALE SHARDA MAHADEO	9

45	NAITAM KUNAL PRITLAL	8
46	NAITAM SWATI RAMESH	8
47	NAKTODE DHANASHREE UDDHAO	7
48	NAKTODE PRATIK DEVIDAS	7
49	NAKTODE RESHMA RAMKRUSHNA	8
50	PENDAM SHASHANT ADIKRAO	8
51	PILARE AKASH PURUSHOTTAM	9
52	PILARE DIGESHWAR RAVINDRA	9
53	PILARE KARISHMA DATTU	6
54	PILARE MAYURI FALGUN	9
55	RAMTEKE AISHWARYA BHIMRAO	8
56	RAMTEKE PRAJWAL SHANTARAM	9
57	SHENDRE SANJANA DHANRAJ	6
58	SHIURKAR PRIYA MUKUNDAJI	9
59	SHRIRAME PUNAM JITENDRA	8
60	TALMALE SAURABH VINOD	8
61	TEMBHURKAR ACHITA UTTAM	8
62	TEMBHURNE DIVYASHRI BALIRAM	8
63	THAKARE ASHISH GAJANAN	9
64	THAKARE AACHAL SURESH	9
65	THENGRE SACHIN DEVENDRA	9
66	THENGRE SHIVANI DURYODHAN	9
67	THOMBARE DIVYANI NANDKISHOR	8
68	TIRGAM GAURAV WAMAN	8
69	TONGE GAURAV DIWAKAR	8
70	URKUDE NIKHIL ANNAJI	6
71	URKUDE SNEHAL ASARAM	8
72	VAIDYA PRANALI GURUDAS	9
73	VAIDYA SURAJ PRADIP	8
74	VIKHAR PRAJKTA KRUPASAGAR	9
75	WADHAI SHAILESH JAYDEO	8
76	WAGHMARE SHREYA MANOHAR	7
77	WAKUDKAR KARNAL GANPAT	7
78	WALTHARE AVINASH RAMDAS	8
79	WANASKAR ATISH RAMDAS	7
80	YELANE VAISHNAVI ASHOK	8
81	YELMULE RUCHITA MAHADEO	9
82	ZARKAR PRACHI GURUDEO	8
83	FAYE VANASHRI GAJANAN	7
84	FULBANDHE PRAFUL ABHIMAN	8
85	GADE SWATI HEMRAJ	9
86	GADRE PALLAVI SHAMRAO	8
87	GAHANE REKHA LAXMAN	7
88	GAHANE SAHIL RAVINDRA	8
89	GAJABHE ASHISH DILIP	9
90	GANVIR RUCHIKA YASHWANT	6
91	GAYDHANE MAHESH VILAS	9
92	GAYDHANE SAMIR DEVIDAS	8
93	GAYDHANE VISHAL SUBHASH	7
94	GAYGAWALI NILAM PURUSHOTTAM	8
95	GEDAM KANCHAN PRABHAKAR	9
96	GEDAM SUJIT UMAJI	7

97	GHODAM WRUTABH KEOLRAM	7
98	GHUBADE GAYATRI VASUDEV	8
99	GHUME VAISHNAVI KISHOR	7
100	GURNULE ARPITA SANTOSH	8
101	GURNULE BRAMHADAS BALIRAM	7
102	GURNULE DURGA SOMESHWAR	8
103	GURNULE SHIVANI BHASHKAR	7
104	GURNULE VAISHNAVI ASHOK	8
105	GURUNULE SAMIR SHANKAR	7
106	HAJARE RUCHIKA PATTIRAM	9
107	HARAMWAR TANUJA ANIL	9
108	HARIKUMBHARE KANHOPATRA RAMA	9
109	HIRAPURE BHAWANA KESHARILAL	8
110	HUMANE ARUNA DAYAL	9
111	HUMANE RUTUJA RAJUPAL	9
112	IRPATE HEMA SUDHAKAR	9
113	JAMBHULE ANKITA PRABHAKAR	7
114	JENGATHE SAMIR ANIL	7
115	JENGATHE SUSHAMA DHANARAJ	5
116	JOSE JOHNEY JOSE JOSEPH	8
117	JUGNAKE DURGA MUKHARU	9
118	KAMADI SWATI SHANKAR	8
119	KAMBALE SANJOG MANOHAR	7
120	KAMBALI PRATIBHA DILIP	7
121	KAMDI VAISHNAVI VINOD	9
122	KAMTHE PRIYANKA TIKARAM	9
123	KANNAKE PANKAJ PRABHAKAR	6
124	KARAMBE SAKSHI ABHIMAN	6
125	KARANKAR SARIKA RAMDAS	8
126	KATEKHAYE SHUBHANGI SHRAWAN	9
129	KHARKATE AKASH MORESHWAR	6
130	KHEDKAR BALRAM SAMPAT	8
131	KHEDKAR SUDHANSU SUBHASH	6
132	KHEWALE PARAG TEMSU	9
133	KHOBE KETAN SANJAY	8
134	KILNAKE KARTIKEY NARHARI	6
136	KOHAPARE HARSHAL GURUDEO	7
137	KORE NIKITA DEVRAJ	8
138	KOWACHI KAJAL MANIK	9
139	KUSHWAH AKSHAY AMARSING	6
140	KUTHE HARSHAD DILIP	9
141	KUTTARMARE PALLAVI SHIOLAL	8
142	LADE VAISHNAVI SHIVDARSHAN	8
143	LAKDE VAISHU RAJESH	9
144	LANJEWAR PRACHI TEJRAM	7
145	LANJEWAR SHANKAR DNYANESHWAR	9
146	LEKURWADE SACHIN GOKUL	8
147	LENAGURE SHARAD VISHWANATH	7
148	LENZE SHREYASH SURESH	6
149	LOHAMBARE SWAPNIL NARAYAN	9
150	LOKHANDE ROHIT ANNAJI	9
151	MADANKAR KIRAN KISAN	9

152	MADANKAR SURAJ SHANKAR	8
153	MADAVI SHILPA SURESH	8
154	MAHURE DIPALI RAMESH	8
155	MAIND KIRTI MADHUKAR	9
156	MAIND NIKEETA MADHOOKAR	9
157	MAIND SAHIL RAVISHANKAR	9
158	MANDADE PANKAJ MURLIDHAR	7
159	MANDWE ADITYA GAJANAN	7
160	MARBATE PRIYA BHAYYAJI	7
161	MASRAM RAKESH YASHWANT	8
162	MATE PRACHITA PRAMOD	9
163	MATE PRAJAPATI YADORAO	9
164	MESHRAM AKHIL PRAKASH	8
165	MESHRAM AMOL BALA	7
166	MESHRAM ASHISH ARUN	8
167	MESHRAM KALYANEE GAREEBDAS	9
168	MESHRAM MORESHWAR HIRAMAN	8



**Dr Sunil G Chaudhari**

*Associate Professor, Dept of English  
N H College Bramhapuri*



**M. A. Sheikh**  
Assitt. Prof. & Head  
Department of English  
N. H. College, Bramhapuri



**Off. Principal**  
Nevjabai Hitkarini College  
Bramhapuri, Distt. Chandrapur

**N. H. COLLEGE, BRAMHAPURI DIST; CHANDRAPUR**

**DEPARTMENT OF GEOGRAPHY**

***REMEDIAL CLASS***

**SUBJECT: GEOGRAPHY SEM-III**

**Introduction:** A remedial class for weaker students in graduation is conducted every year for one week. Remedial class is important educational process through which students can learn and acquire knowledge. It is also important for the students who are coming from various situation, condition and different background. Remedial class is helpful for the students who are coming from basically Rural Areas.

Remedial course provides better opportunity for rural area students. The students can improve their knowledge in the field of Geography. Students will able to conduct field survey effectively in practical geography.

**Objective:** The main objective of the remedial class is to the gap between Slow and fast learners to enhance the capacity of learning level of weaker students. University level subjects they would be studying in graduation, to give the Slow students the confidence, courage and seriousness, to develop the map reading skill in Geography.

**Importance:** A Remedial course has its importance in success of students in the field of geography. Practical knowledge, map reading skill, statistical analysis, field survey, land use survey are important for carrier opportunities in the geographers. We need practical exercise of geography and map reading skills. Student changes the personality as well as mental ability through the course. Student will get an opportunity of placement and make his career.

**Selection procedure:** The students who are admitted in second and third year of graduation belong to slow learner; backward classes are proposed students of the course.



Head

Department of Geography  
N. H. College, Bramhapuri



Off. Principal  
Nejjabai Hitkarini College  
Bramhapuri, Distt. Chandrapur

## Syllabus B. A. SEM-III

### Unit – I

Definition, Nature and Scope of Geomorphology, Place of Geomorphology in physical Geography' , Interior of Earth, Earth movements, Earthquakes and Volcanoes.

### Unit - II

Drawing of various topographical features by using contours line, Different relief features with the help of profiles. Study of Indian Topographical maps: Plains, Plateau and Mountain region; Plane Table survey - Radiation and intersection methods

#### **Out comes:**

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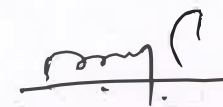
- 1) Understand the meaning, Nature and Scope, objectives and relevance of Geomorphology.
  - 2) Understand the concepts of Interior of Earth, Earth movements..
  - 3) Understand the sudden force of Earthquakes and Volcanoes
  - 4) Understand the importance of various topographical features, Indian Topographical maps and Plane Table survey.
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### Time table

Remedial class Location: N H College, New building, Practical Lab. 02

#### B. A. SEM-III Class Schedule (2021-22)

Day/Date	Time	Topic taught	Facilitator
Mon 07/02/2022	12.15to1.00pm	Definition, Nature and Scope of Geomorphology, Place of Geomorphology in physical Geography	Dr. R. K. Dange
Wed 09/02/2022	1.45to2.30 pm	Plane Table survey, Radiation and intersection methods Earthquakes and Volcanoes	Dr. R. K. Dange
Thu 10/02/2022	11.30to12.15pm	Interior of Earth, Earth movements	Dr. R. K. Dange
Fri 11/02/2022	12.15to1.00 pm	Study of Indian Topographical maps: Plains, Plateau and Mountain region	Dr. R. K. Dange
Mon 14/02/2022	12.15to1.00 pm	Plane Table survey, Radiation and intersection methods	Dr. R. K. Dange
Wed 16/02/2022	1.45 to 2.30 pm	Different relief features with the help of profiles	Dr. R. K. Dange

  
Signature of Teacher

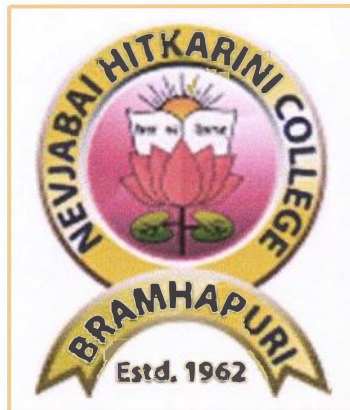
# Remedial Class - B.A II Sem - III

(2021-22) ~~off~~ / online mode

S.No	Name of Students	8/2/22	9/2/22	10/2/22	11/2/22	14/2/22	16/2/22
01	Rajendra R. Adkine	P	P	P	P	P	P
02	Rowini V. Ambone	P	P	P	P	A	P
03	Subham Atul Awasare	P	P	P	P	P	P
04	Megha V. Bagmare	P	P	P	P	P	P
05	Nikhil S. Bagmare	P	P	P	A	P	P
06	Pamay V. Balpande	P	P	P	P	P	P
07	Samir J. Bansode	P	P	A	P	P	P
08	Sankar H. Badesre	P	P	P	P	P	P
09	Sakshi S. Burade	A	P	P	P	A	P
10	Nisha A. Chaudhari	P	P	P	P	P	P
11	Dipak M. Dadmal	P	P	P	P	P	P
12	Shrikant K. Dhore	P	A	P	P	P	P
13	Rahul Y. Dighore	P	P	P	P	P	P
14	Prati D. Dhanjule	P	P	P	P	P	P
15	Shakshi J. Fulbande	P	P	P	P	P	P
16	Tanmay V. Faxe	P	P	P	P	P	P
17	Amisha J. Gajbhiye	P	P	P	P	P	P
18	Tanu M. Jadhav	P	P	P	P	P	P
19	Gayatri R. Jengathe	P	P	A	P	P	P
20	Anati C. Humare	P	P	P	P	P	P
21	Paxal B. Kamdi	P	P	P	P	P	P
22	Rohit V. Kar	P	P	P	P	P	P
23	Akash G. Madavi	P	P	P	P	P	P
24	Tejshwina R. Maram	P	P	P	P	P	P
25	Dhanashree U. Naktode	P	P	P	P	A	P
26	Mayuri F. Pilare	P	P	P	P	P	P
27	Subham P. Pradhan	P	P	P	P	P	P
28	Akinay S. Rokhade	P	P	P	P	P	P
29	Pankaj D. Thalcare	P	P	P	P	P	P



Nevjabai Hitkarini College,  
Bramhapuri



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# Department of Zoology

**Remedial Course**

**2021-22**

## Notice

Dear members,

Notice is hereby given to all the faculty that the general meeting of Remedial classes will be held on **Friday the 30<sup>th</sup> October, 2021 at 10:00 am in Dept. of Zoology** to conduct the following business.

### AGENDA

1. Discuss the general idea about Remedial course
2. Giving the brief about Remedial course
3. Discuss the matter of syllabus
4. Work load distribution

#### Faculty-

- 1) Mr. J. W. Hajare
- 2) Mr. D. G. Atla
- 3) Ms. S. M. Bhoyar
- 4) Mr. A. D. Talmale
- 5) Mr. A. A. Borkar
- 6) Ms. Neera singh
- 7) Mr. T. K. Raut
- 8) Mr. G. B. Raut
- 9) Mr. P. P. Wanjari

*J. W. Hajare*  
*D. G. Atla*  
*S. M. Bhoyar*  
*A. D. Talmale*  
*A. A. Borkar*  
*Neera Singh*  
*T. K. Raut*  
*G. B. Raut*  
*P. P. Wanjari*

*J. W. Hajare*  
J. W. Hajare  
Asst. Professor & Head  
Department of Zoology  
N. H. College, Bramhapuri

*[Signature]*

**Off. Principal**  
Nevjabai Hitkarini College  
Bramhapuri, Dist. Chandrapur

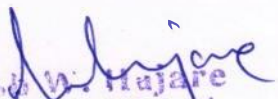
**N. H. College, Bramhapuri**


**Department of Zoology**

**Notice**

All the students of **Sem III & Sem V** Zoology Department hereby informed that **Remedial class** will be start from **22 Nov. 2021**. So, they should attend the class regularly. Remedial class time table is displayed on notice board.

Date: 30/10/2021

  
Jayesh W. Hajare  
Asst. Professor & Head  
Department of Zoology  
N. H. College, Bramhapuri  
Department of Zoology

  
Principal  
Nejabbai Hitkarini College  
Bramhapuri, Distt. Chandrapur

**N. H. College, Bramhapuri**

**Department of Zoology**

**Notice**

All the students of **Sem IV & Sem VI** Zoology Department hereby informed that **Remedial class** will be start from **7 Mar. 2022**. So, they should attend the class regularly. Remedial class time table is displayed on notice board.

Date: 28/02/2022


  
**Jayesh W. Hajare**  
Head  
Asst. Professor & Head  
Department of Zoology  
Department of Zoology


  
**Off. Principal**  
Nejrabai Hitkarini College  
Bramhapuri, Dist. Chandrapur

**Department of Zoology**  
**Academic Session : 2021-22**  
**Time Table for Remedial Class**  
**Duration: 07/3/2022 - 12/3/2022**

Day	Class	Time	
		11:00 am to 12:00 pm	11:00 am to 12:00 pm
		1	2
Monday	B.Sc-II	DGA	
	B.Sc-III		JWH
Tuesday	B.Sc-II	DGA	
	B.Sc-III		JWH
Wednesday	B.Sc-II	DGA	
	B.Sc-III		JWH
Thursday	B.Sc-II	JWH	
	B.Sc-III		DGA
Friday	B.Sc-II	JWH	
	B.Sc-III		DGA
Saturday	B.Sc-II	JWH	
	B.Sc-III		DGA

Date 28/2/2022

  
**Jayesh W. Hajare**  
 Asst. Professor & Head  
 Department of Zoology  
 N. H. College, Bramhapuri

  
**Principal**  
 Nevjabai Hitkarini College  
 Bramhapuri, Distt. Chandrapur

**Department of Zoology**  
**Academic Session : 2021-22**  
**Time Table for Remedial Class**  
**Duration: 22/ 11 / 2021 - 27/11/2021**

Day	Class	Time	
		11:00 am to 12:00 pm	11:00 am to 12:00 pm
		1	2
Monday	B.Sc-II	DGA	
	B.Sc-III		JWH
Tuesday	B.Sc-II	DGA	
	B.Sc-III		JWH
Wednesday	B.Sc-II	DGA	
	B.Sc-III		JWH
Thursday	B.Sc-II	JWH	
	B.Sc-III		DGA
Friday	B.Sc-II	JWH	
	B.Sc-III		DGA
Saturday	B.Sc-II	JWH	
	B.Sc-III		DGA


Date : 30/10/2021


*Jayesh W. Hajare*  
 Jayesh W. Hajare  
 Asst. Professor & Head  
 Department of Zoology  
 N. H. College, Bramhapuri  
 Head  
 Department of Zoology

*[Signature]*  
**Principal**  
 Nevjabai Hitkarini College  
 Bramhapuri, Dist. Chandrapur

## OBJECTIVES

1. To give more help and support to slow learner.
2. To pay Individual attention to the low achiever in the class
3. Develop interest to attend a remedial class
4. Provide learning activities and practical experiences to the student according to their needs and abilities.
5. To reduce the mental stress and nervousness of the students

  
Jayesh W. Hajare  
Asst. Professor & Head  
Department of Zoology  
N. H. College, Bramhapuri

  
Principal  
Nejabai Hitkarini College  
Bramhapuri, Dist. Chandrapur

**N. H. College, Bramhapuri**  
**Department of Zoology**  
**Academic Session: 2021-22**  
**List of Students Enrolled for Remedial Classes**

**Semester - IV**

Slow Learner		
S.N	Name of Students	Signature
1	Achal Rahul Chahande	<i>Achal Chahande</i>
2	Bhagyashri Sambhaji Jambhule	<i>Bhagyashri Jambhule</i>
3	Chetan Ramkrushna Shiurkar	<i>Chetan Shiurkar</i>
4	Durgabai Kalidas Zode	<i>Durgabai Zode</i>
5	Mayur Madhukar Talande	<i>Mayur Talande</i>
6	Pranay Suresh Kowachi	<i>Pranay Kowachi</i>
7	Riya Janardhan Mulmule	<i>Riya Mulmule</i>
8	Snehal Subhash Masram	<i>Snehal Masram</i>
9	Rohit Sahu Sawsakade	<i>Rohit Sawsakade</i>
10	Shiwani Dilip Pradhan	<i>Shiwani Pradhan</i>
11	Sumit Mahadeo Pada	<i>Sumit Mahadeo Pada</i>
12	Tanaya Narendra Thakare	<i>Tanaya Thakare</i>
13	Tannu Giridhar Kawale	<i>Tannu Kawale</i>
14	Vidyatai Vinod Satpute	<i>Vidyatai Satpute</i>

**Semester- VI**

Slow Learner		
S.N	Name of Students	Signature
1	MONISH GOVIND TEKAM	<i>Monish Tekam</i>
2	NEHA DNYANESHWAR NAKADE	<i>Neha Nakade</i>
3	OMDEO BABAN DHOTE	<i>Omdeo Baban Dhote</i>
4	ADITYA SUHIL BALCHAYNE	<i>Aditya Balchayne</i>
5	ARIHANT RAJENDRA ZADE	<i>Arihant Zade</i>
6	DEVHID SEWAKRAM KAWAS	<i>Devhid Kawas</i>
7	GAYATRI VILAS TALMALE	<i>Gayatri Talmale</i>
8	ASIYA FATEMA ZAKIR BAIG	<i>Asiya Baig</i>
9	MONAL YUVRAJ GAYAKWAD	<i>Monal Gayakwad</i>
10	PRADIP HARIDAS KOSARE	<i>Pradip Kosare</i>
11	PRAJWAL DEWANAND GEDAM	<i>Prajwal Gedam</i>
12	KALYANI HARIHAR KAMTHE	<i>Kalyani Kamthe</i>
13	RUPESH HEMRAJ SALAME	<i>Rupesh Salame</i>
14	TANAYA NARAYAN HAKTODE	<i>Tanaya Haktode</i>
15	VAISHNAVI DEWANAND CHANDEKAR	<i>Vaishnavi Chandekar</i>

*Jayesh W. Hajare*  
**Jayesh W. Hajare**  
 Asst. Professor & Head  
 Department of Zoology  
 N. H. College, Bramhapuri

**Off. Principal**  
 Nevjabai Hitkarini College  
 Bramhapuri, Distt. Chandrapur



**N. H. College, Bramhapuri**  
**Department of Zoology**  
**Remedial Course (2021-22)**  
**Semester-IV**  
**Paper - I**

**Time – ½ Hrs.**

**Marks - 30**

**Note- 1. Each Question is Compulsory**

**2. Each Question carry equal marks**

**3. Each Question carry 2 marks**

**4. No negative Marking.**

Que. 1. A fertilized egg is called a:

- |              |             |
|--------------|-------------|
| A) Germ cell | B) Embryo   |
| C) Zygote    | D) Blastula |

Que. 2. Which of the following reflects Weisman's model of development?

- A) Somatic development and change does not contribute directly to the characteristics of the next generation.
- B) Factors, or "determinants", in the nucleus regulate development.
- C) Asymmetric divisions resulted in unequal distribution of developmental determinants to daughters' cells.
- D) Development is "mosaic".
- E) All of the above were important to Weismann's view of biological development.

Que. 3. The experiments of Spemann and Mangold first defined what feature of amphibian embryos?

- |                   |                   |                    |                  |
|-------------------|-------------------|--------------------|------------------|
| A) The zygote     | B) the blastopore | C) the neural tube | D) the organizer |
| E) the blastocoel |                   |                    |                  |

Que. 4. Genes control development by:

- A) Controlling where and when proteins are synthesized
- B) Containing small preformed body parts and organs that become "expressed" during development.
- C) Directly controlling phenotypes, without intermediates or influence from the environment.
- D) Acting as enzymes to build proteins.
- E) Containing instructions which describe in detail the final form to be achieved during development.

Que. 5. The folding of sheets of cells, the migration of cells, and cell death are all mechanisms of:

- A) Cleavage division
- B) Pattern formation
- C) Morphogenesis
- D) Differentiation
- E) Growth

Que. 6. The process, by which developing cells achieve their functional, mature identity as live, or muscle, or nerve is called:

- A) Cleavage division
- B) Pattern formation
- C) Morphogenesis
- D) Differentiation

Que. 7. The zygote undergoes cleavage forming a solid ball of cells of the uniform size called \_\_\_\_\_

- A) **Morula**
- B) Blastula
- C) Gastrula
- D) Neurula

Que. 8. The third layer to form in gastrulation is \_\_\_\_\_

- A) Archenteron
- B) Ectoderm
- C) Endoderm
- D) **Mesoderm**

Que. 9. Development of all organs can be traced in single germ layer \_\_\_\_\_

- A) **True**
- B) False

Que. 10. The trophoblast gives rise to \_\_\_\_\_

- A) **Chorion**
- B) Neurula
- C) Allantois
- D) Placenta

Que. 11. Gastrulation occurs during the 2nd week of embryonic development.

- A) **True**
- B) False

Que. 12. Cleavage begins at \_\_\_\_\_

- A) Vagina
- B) Ovary
- C) Uterus
- D) **Oviduct**

Que. 13. The cavity inside the blastula is called as \_\_\_\_\_


- A) **Blastocoel**
- B) Blastomere
- C) Gastrula
- D) Animal pore

Que. 14. The vertebrate embryo develops into hollow ball called as \_\_\_\_\_

- A) Fistula
- B) **Blastula**
- C) Gastrula
- D) Morula

Que. 15. The embryo at 16 celled stage is known as \_\_\_\_\_

- A) **Morula**
- B) Gastrula
- C) Blastula
- D) Blastomere

  
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Remedial Course (2021-22).

Semester-IV

Paper - II

Time – ½ Hrs.

Marks - 30

Note- 1. Each Question is Compulsory

2. Each Question carry equal marks

3. Each Question carry 2 marks

4. No negative Marking.

Que. 1. A condition in which body's internal environment remains nearly constant is called as \_\_\_\_\_

A) Homeostasis

B) Hematoma

C) Hemostasis

D) Hemopoiesis

Que. 2. The presence of arginase confirms that \_\_\_\_\_

A) Urea cycle is operating

B) Arginine is being converted to ornithine

C) Urea cycle maybe operating

D) Arginine is being converted to citrulline

Que. 3. In the ornithine cycle which of the following waste is removed from the blood?

A) Urea and urine

B) Carbon dioxide and urea

C) Ammonia and carbon dioxide

D) Ammonia and urea

Que. 4. Removal of amino group to transform into keto acid is called \_\_\_\_\_

A) Transamination

B) Deamination

C) Ammonification

D) Amination

Que. 5. In the ornithine cycle which of the following waste is removed from the blood?

A) Urea and urine

B) Carbon dioxide and urea

C) Ammonia and carbon dioxide

D) Ammonia and urea

Que. 6. Uricotelism is found in \_\_\_\_\_

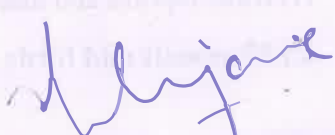
A) Birds reptiles and insects

B) Frogs and toads

C) Mammals and birds

D) Fishes and fresh water protozoans

- Que. 7. Excretory waste of birds and reptiles are \_\_\_\_\_
- A) Urea  
B) Uric acid and urea  
C) Uric acid  
D) Ammonia and uric acid
- Que. 8. \_\_\_\_\_ is located at the junction with the bladder made of smooth involuntary muscle.
- A) Urethra  
B) Internal Urethral sphincters  
C) External Urethral Sphincters  
D) Bladder
- Que.9. The bladder is lined with \_\_\_\_\_ epithelium.
- A) Simple columnar  
B) Transitional  
C) Stratified squamous  
D) Simple cuboidal
- Que. 10. Name the condition when concentration of ketone increases in urine.
- A) Turners syndrome  
B) Diabetes mellitus  
C) Sickle cell anemia  
D) Acromegaly
- Que. 11. Hemodialysis is done when the person is suffering from \_\_\_\_\_
- A) Goiter  
B) Diabetes insipidus  
C) Diabetes mellitus  
D) Uremia
- Que. 12. Maximum absorption of  $\text{Na}^+$  and  $\text{K}^+$  occurs in \_\_\_\_\_
- A) Loop of Henle  
B) Bowman's capsule  
C) DCT  
D) PCT
- Que. 13. In micturition \_\_\_\_\_
- A) Urethra relaxes  
B) Ureters relax  
C) Ureters contract  
D) Urethra contracts
- Que. 14. Glomerular hydrostatic pressure is present in \_\_\_\_\_
- A) Tubule of kidney  
B) Bowman's capsule  
C) Malpighian tubule  
D) Glomerulus
- Que. 15. Hematuria means \_\_\_\_\_
- A) RBCs in urine  
B) WBCs in urine  
C) Fats in urine  
D) Urea in urine

  
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**Remedial Course (2021-22)**

**Semester-VI**

**Paper – II**

**Time – ½ Hrs.**

**Marks - 30**

**Note- 1. Each Question is Compulsory**

**2. Each Question carry equal marks**

**3. Each Question carry 2 marks**

**4. No negative Marking.**

Que. 1. The absence of all forms of microbial life, including spores, is known as

- (A) Sanitization      (B) Disinfection      (C) Decontamination      (D) Sterility

Que. 2. The sterilizer heat sensing thermometer is located in the

- (A) Chamber      (B) Drain line      (C) Jacket      (D) None of the above

Que. 3. Where are test packs placed to present the greatest challenge to the steam sterilizer

- (A) Bottom rack back      (B) Top rack back      (C) Center      (D) Over the drain

Que. 4. The three parameters of steam sterilization are

- (A) Steam under pressure, time, and temperature  
(B) Time, temperature, and concentration  
(C) Temperature, time, and humidity  
(D) None of the above

Que. 5. Which of the following is the minimum exposure time for wrapped goods in a prevac steam cycle at 275 °F (135 °C)?

- (A) 4 mins      (B) 3 mins      (C) 5 min      (D) 10 mins

Que. 6. Flash sterilization may be necessary when

- (A) Loaner instruments are received late      (B) A one of a kind instrument is dropped  
(C) Instrument inventory is low      (D) None of the above

Que. 7. Which method of sterilization is used to sterilize liquids?

- (A) Ethylene oxide      (B) Peracetic acid  
(C) Prevac steam      (D) Gravity steam

Que. 8. Which technique separates charged particles using electric field?

- (A) Hydrolysis  
(C) Protein synthesis
- (B) **Electrophoresis**  
(D) Protein denaturing

Que. 9. Electrophoresis was developed by:

- (A) Tswett  
(B) Tsvedberg  
(C) **Tiselius**  
(D) Sanger

Que. 10. The speed of migration of ions in electric field depends upon:

- (A) Shape and size of molecule  
(B) Magnitude of charge and shape of molecule  
(C) **Magnitude of charge shape and mass of molecule**  
(D) Magnitude of charge and mass of molecule

Que. 11. If proteins are separated according to their electrophoretic mobility then the type of electrophoresis is:

- (A) **SDS PAGE**  
(C) Electro focusing
- (B) Affinity Electrophoresis  
(D) Free flow electrophoresis

Que. 12. What does the electrophoresis apparatus consist of?

- (A) Gel, buffer chamber and fire pack  
(C) Electrophoresis unit and gel separator
- (B) Buffer chamber and electrophoresis unit  
(D) **Power pack and electrophoresis unit**

Que. 13. DPX stands for

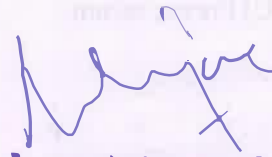
- (A) Dilute Primary xylol  
(C) **DestrinePlasticiser Xylene**
- (B) DistrenePriem Xylene  
(D) Dilute Plastic xylol

Que. 14. Hematoxylin belongs to which category?

- (A) Acidic stains  
(C) **Basic stains**
- (B) Neutral stains  
(D) All of these

Que. 15. Conroy's solution is a mixture of

- (A) Aqueous chromic acid, Aqueous acetic acid and distilled water  
(B) Ethyl alcohol, Glacial acetic acid and commercial formalin  
(C) **Ethanol, Glacial acetic acid and chloroform**  
(D) Aqueous alcohol, Aqueous acetic acid and distilled water

  
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Remedial Course (2021-22)

Semester-VI

Paper - I

Time – ½ Hrs.

Marks - 30

Note- 1. Each Question is Compulsory

2. Each Question carry equal marks

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Que. 1. The energy of muscle contraction is derived from the following except:

- (A) ATP.
- (B) Muscle glycogen.
- (C) lactic acid.
- (D) Creatine phosphate.

Que. 2. Depolarization:

- (A) is associated with increase in membrane permeability to Na<sup>+</sup>.
- (B) is terminated with closure of voltage activated K<sup>+</sup> channels.
- (C) is followed by muscle relaxation.
- (D) is caused by K<sup>+</sup> efflux.

Que. 3. Action potential:

- (A) is a graded potential.
- (B) is produced by sub threshold stimulus.
- (C) starts with repolarization caused by outward movement of Cl<sup>-</sup>.
- (D) is conducted slower in thin nerve fibers.

Que. 4. Which of the following statements concerning the action potentials of nerve cells is correct?

- (A) They can summate one with another
- (B) They may vary considerably in amplitude
- (C) They become larger as stimulus strength increases
- (D) They result from a large increase in the membrane permeability to sodium ions

Que. 5. Which of the following statements concerning the neuromuscular junction is correct?

- (A) The motor nerve endings secrete acetylcholine
- (B) The motor nerve endings secrete noradrenaline (norepinephrine)
- (C) Curare leads to prolongation of neuromuscular transmission
- (D) The muscle membrane posses muscarinic receptors

Que. 6. For each of the following statements concerning the axons of peripheral nerves, indicate which is true.

- (A) They are always covered by a layer of myelin
  - (B) They only conduct action potentials from the CNS to a target organ
  - (C) They are protected by three layers of connective tissue
  - (D) They are always associated with Schwann cells
- (A) A & B      (B) B & D      (C) C & D      (D) A & D

Que. 7. What is the role of Schwann cells in neurotransmission?

- (A) Thermal insulation of neuronal axons
- (B) Limit the speed of the action potential
- (C) **Enhance the speed of the action potential**
- (D) Protect the neuronal soma from trauma

Que. 8. The basic functional unit of human kidney is

- A) Henle's loop
- (B) **Nephron**
- (C) Nephridia
- (D) Pyramid

Que. 9. Ornithine cycle (also known as the urea cycle) refers to the sequence of biochemical reaction taking place in the

- (A) Urinary bladder
- (B) **Liver**
- (C) Pancreas
- (D) Stomach

Que. 10. The Bowman's capsules are found in

- (A) **Cortex**
- (B) Medulla
- (C) Convolted tubule
- (D) Loop of Henle

Que. 11. The hollow space at the center of kidney where urine is collected after its formation is called

- (A) **Renal pelvis**
- (B) Glomerulus
- (C) Distal convoluted tubule
- (D) Urethra

Que. 12. The muscular tubes which take the urine from the kidneys to the bladder are

- (A) Urinary bladders
- (B) **Ureters**
- (C) Urethras
- (D) Nephrons

Que. 13. The principle nitrogenous excretory compound in humans is synthesized


- (A) **In the liver but eliminated mostly through kidneys**
- (B) In kidneys but eliminated mostly through liver
- (C) In liver and also eliminated by the same through bile
- (D) In kidneys as well as eliminated by kidneys

Que. 14. The process of dilution of urine takes place in

- (A) Distal tubule
- (B) Collecting tubule
- (C) **Loop of Henle**
- (D) Proximal tubule

Que. 15. The Renal medulla consists of cone shaped tissue masses called \_\_\_\_\_

- (A) **Renal pyramid**
- (B) Adipose capsule
- (C) Renal cortex
- (D) Renal pelvis

  
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