



GUG/W/14-3305

F.Y. B.Sc. Sem. - I

COM-Sci 01

Computer Science - I
(Information and Communication Technology)
Paper - I

P. Pages : 4

Time : Three Hours

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagram wherever necessary.

1. Either.

- a) Define Computer. **5**
Why Computer is based on binary digits?
- b) Differentiate Primary and Secondary **5**
memory.
Describe role of memory.

OR

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c) Write a note on classification of Computers. **5**

d) Convert the following. **5**

i) $(BABA)_{16} = (?)_8$

ii) $(101101110)_2 = (?)_{10}$

2. Either.

a) Write a note on. **5**

i) keyboard. ii) Mouse.

b) What are the advantages and disadvantages of MICR? **5**

OR

c) Explain following output devices. **5**

i) Dot Matrix Printer.

ii) Plotters.

d) What is Barcode Reader. **5**

- 3.** Either.
- a) What is the goal of Operating System? **5**
 - b) Discuss on Multi User, Multi task Operating System. **5**

OR

- c) Explain. **5**
 - i) Notepad.
 - ii) Recycle Bin.
- d) Describe Disk Cleanup. **5**

- 4.** Either.
- a) Define Computer Network. Explain its role in the age of IT. **5**
 - b) What are the advantages of WAN? **5**

OR

- c) Explain about E-mail. **5**
- d) Write a note on OSI Model. **5**

5. Solve all questions.

- a) Write a note on Number System. **2½**
- b) What is Microphone? Explain. **2½**
- c) Illustrate the statement. **2½**
"Without Operating System Computer is as dead" Computer.
- d) What is Freeware? Explain. **2½**
