

Bachelor of Science (B.Sc. -I) First Semester (Old)
COM-SCI-01 - Computer Science Paper-I
(Information and Communication Technology)

P. Pages : 2

Time : Three Hours



GUG/W/18/1204

Max. Marks : 50

Notes : 1. All questions are compulsory and carry equal marks.

1. Either:

- a) Discuss on classification of computers. 5
- b) Convert:- 5
- i) $(29)_{10} = (?)_2$ ii) $(1110111)_2 = (?)_8$

OR

- c) Write a note on ASCII code. Give any two examples. 5
- d) Explain the block diagram of computer. 5

2. Either:

- a) Describe:- 5
- i) Keyboard ii) VDU
- b) Discuss on Dot Matrix Printer in brief. 5

OR

- c) What is OMR? Write down its drawback. 5
- d) Explain Optical Disk in brief. 5

3. Either:

- a) Differentiate between single user and Multi user operating system. 5
- b) Write a note on:- 5
- i) My documents ii) My Computer

OR

- c) Discuss Control Panel in brief. 5
- d) Describe Multi Tasking in detail. 5

4. Either:
- a) Write a note on open source software. 5
 - b) Write a note on:
i) LAN ii) WAN 5

OR

- c) Describe: 5
i) Search Engine ii) E-mail
 - d) What is shareware? 5
5. Attempt all the questions:
- a) List the characteristics of Computer. 2½
 - b) Write the advantage of Barcode Reader? 2½
 - c) Write a note on Calculator? 2½
 - d) What are the different factors require for Internet Connectivity? 2½
