

B.Sc. I (With Credits)-Regular-Semester 2012 Sem I
COM-Sci-01 - Computer Science - I : Paper-I
(Information and Communication Technology)

P. Pages : 2

Time : Three Hours



GUG/S/17/3305

Max. Marks : 50

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

1. Either

- a) Draw and explain block diagram of computer. 5
- b) Differentiate between RAM and ROM 5

OR

- c) Explain the features of fourth generation computers. 5
- d) Convert the following : 5
- i) $(879)_{10} = ()_2$
- ii) $(A124)_{16} = ()_8$

2. Either

- a) Explain the following 5
- i) Hard disk
- ii) Track ball
- b) Write note on Barcode Reader and Touch pad. 5

OR

- c) Explain : 5
- i) VDU (Visual Display Unit)
- ii) Webcam
- d) Discuss in brief. 5
- i) OMR
- ii) MICR

3. Either

- a) Discuss various features of windows operating system. 5
- b) Write note on : 5
- i) Paint
- ii) Windows Explorer

OR

- c) Explain the role of control pannel. 5
- d) Define operating system. Explain in brief about multitasking operating system. 5

4. Either

- a) Explain various services provided by Internet. 5
- b) Write about social and ethical issues in the age of I.T. 5

OR

- c) Write note on search engine. 5
- d) Discuss advantages and limitations of Bus Topology. 5

5. Attempt all the questions.

- a) Explain ASCII code. 2½
- b) Write short note on joystick. 2½
- c) Elaborate the concept of time sharing operating system. 2½
- d) Write short note on E-mail. 2½
