

1BIT3 - Paper-III : Trends In Information Technology

P. Pages : 2

Time : Three Hours



GUG/S/19/1422

Max. Marks : 80

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

1. Either :

- a) Explain the classification of computer in details. **8**
 - b) Define Memory. Explain the primary memory in details. **8**
- OR**
- c) Draw the block diagram of computer and explain each unit in details. **8**
 - d) Write a short note on : **8**
 - i) Blu Ray Disk
 - ii) Optical Disk

2. Either :

- a) Explain the light pen and touch screen in details. **8**
- b) Write a short note on : **8**
 - i) Webcam
 - ii) Microphone

OR

- c) What is output device? Explain dot matrix printer in details. **8**
- d) Explain in brief : **8**
 - i) OCR
 - ii) OMR

3. Either :

- a) What is mean by software? Explain the type of software in details. **8**
- b) What is mean by Translators. Explain the types of translator in details. **8**

OR

- c) Write a short note on : 8
- i) Freeware
 - ii) Shareware
- d) Explain in brief : 8
- i) Communication software.
 - ii) Graphics Personal Assistance.

4. Either :

- a) Explain the importance of mobile internet and social networking. 8
- b) Write a short note on : 8
- i) You Tube
 - ii) Facebook

OR

- c) What is mean by Firewall? and Explain cloud Technology in details. 8
- d) Write a short note on : 8
- i) Charless Babbage
 - ii) Tim Bernes – Lee

5. Solve all the questions.

- a) Write a short note on Cache Memory. 4
- b) Explain the plotter in details. 4
- c) Differentiate between word processing and spreadsheet. 4
- d) Explain the social and ethical issue in details. 4
