

UBCAT103 - Paper-III : Information & Communication Technology

P. Pages : 1

GUG/W/22/11745

Time : Three Hours



Max. Marks : 80

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

Either :

1. a) Draw and explain the block diagram of the computer. 8
- b) Explain the different types of computers in detail. 8

OR

- c) Explain the characteristics of the computer. 8
- d) Write down the characteristics of binary, Octal, Decimal and Hexadecimal system. 8

Either :

2. a) Explain the following 8
 - 1) Keyboard
 - 2) Mouse
- b) Explain the various picking devices. 8

OR

- c) Explain the following 8
 - 1) MICR
 - 2) OMR
- d) Write a difference between impact and non-impact printers. 8

Either :

3. a) Define operating system. Explain the functions and purpose of operating system. 8
- b) Explain the features of Windows operating system. 8

OR

- c) Write a short note on Notepad and Paint. 8
- d) Explain the following 8
 - 1) Taskbar
 - 2) Recycle Bin

Either :

4. a) What are different types of Network? Explain in detail. 8
- b) Explain the OSI Model in detail. 8

OR

- c) Explain the following 8
 - 1) Internet Addressing
 - 2) E-Learning
- d) Explain the Open-Source Software in detail. 8

5. Attempt all the questions.

- a) Write the advantages and disadvantages of computers. 4
- b) Write a short note on Pen drive. 4
- c) Explain the window explorer in brief. 4
- d) Explain in detail about Search Engine. 4
