

B.C.A.- I (CBCS Pattern) Semester-I
UBCAT103 - Paper-III - Information & Communication Technology

P. Pages : 2

Time : Three Hours



GUG/S/25/11745

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answer and write specific answer related to questions.

Either :

1. a) What is computer? Draw and explain block diagram of computer in detail. 8
- b) Define Memory? Explain primary and secondary memory. 8

OR

- c) Convert the following 8
 - i) $(10110)_2 = (?)_{10}$
 - ii) $(445)_{10} = (?)_2$
 - iii) $(57)_{10} = (?)_8$
 - iv) $(71)_8 = (?)_{10}$
- d) Explain the Generations of computer in detail. 8

Either :

2. a) What are locator Devices? Explain any two Locator Devices. 8
- b) Write a note on Vision capturing. 8

OR

- c) Explain the following 8
 - i) MICR
 - ii) OMR
- d) What are output Devices? Explain any two output Devices. 8

Either :

3. a) Explain the following 8
 - i) Taskbar
 - ii) Windows Explore.

- b) Write a note on 8
- i) Disk defragmentation
- ii) Disk cleanup.

OR

- c) What is windows accessories? Explain any two of them. 8
- d) What is graphical user interface? Explain in detail. 8

Either :

4. a) Explain types of Network in detail. 8
- b) Write a note on 8
- i) Internet Addressing.
- ii) Search Engine

OR

- c) Explain OSI model in detail. 8
- d) Explain the services provided by Internet in detail. 8

5. Solve all the questions.
- a) Write the function of computer? 4
- b) Write a note on Hard disk. 4
- c) Write a note on Operating system and explain function & role of OS. 4
- d) List any two types of topologies. 4
