

Bachelor of Computer Application (B.C.A.-I) (CBCS) First Semester CBCS
UBCAT 103-Information & Communication Technology Paper - III

P. Pages : 2

Time : Three Hours



GUG/W/18/11745

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 answers and write specific answer related to question.

Either:-

1. a) What is computer? What are the elements of computer? And also explain characteristics of computer. 8
- b) Describe Primary memory in detail and explain the types of primary memory in detail. 8

OR

- c) Convert the following:- 8
- i) $(10110)_2 = (?)_{10}$
 - ii) $(445)_{10} = (?)_2$
 - iii) $(57)_{10} = (?)_8$
 - iv) $(71)_8 = (?)_{10}$
- d) Describe secondary memory in detail and also explain difference between RAM and ROM. 8

Either:-

2. a) What are the locator device? Explain each in detail. 8
- b) Write a brief note on the following 8
- i) OMR
 - ii) MICR

OR

- c) Write a brief note on the following 8
- i) Hard Disk
 - ii) Optical Disk
- d) What are the Output devices? Explain each in detail. 8

Either:-

3. a) Define Operating system in brief and explain classification of O/S on the basis of task. 8
- b) What is Graphical user Interface? Explain in detail. 8

OR

c) Give a brief note on Operating with windows. 8

d) What is control panel? What kind of facility it give to the user? Explain. 8

Either:-

4. a) What is Network? Explain various kinds of communication devices in detail. 8

b) What is Internet? Explain the basic Internet terms in detail. 8

OR

c) Briefly describe various types of Network with their advantages and disadvantages. 8

d) What are the services provided by the Internet? Explain each in detail. 8

5. Solve all the questions.

a) What is number system? Explain it. 4

b) Write a short note on the following 4

i) Light Pen ii) Touch screen

c) Write a short note on windows Accessories. 4

d) Explain the types of Topologies in detail. 4
