

B.C.C.A. - I (CBCS Pattern) Semester-I
UBCCAT103-Paper-III : Information & Communication Technology

P. Pages : 2

Time : Three Hours



GUG/S/25/10614

Max. Marks : 40

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- 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 questions.

Either :

1. a) What do you mean by secondary memory? Discuss any two secondary storage devices. 4
- b) Convert the following 4
 - 1) $(100010)_2 = (?)_8$
 - 2) $(1AB)_{16} = (?)_{10}$

OR

- c) Define computer and write the advantages and limitations of computerization. 4
- d) Differentiate between primary and secondary memory. 4

Either :

2. a) Write short note on 4
 - i) Hard Disk
 - ii) Pen Drive
- b) Write short note on 4
 - i) Inkjet printer.
 - ii) Dot matrix printer.

OR

- c) What is primary memory? Differentiate RAM and ROM. 4
- d) Write a short note on 4
 - i) MICR
 - ii) OMR

Either :

3. a) What is network topology? Elaborate its types. 4
- b) What is internet? Write about social networking in your own words. 4

OR

- c) Explain in detail LAN, WAN, MAN with suitable example. 4
- d) How open source software is useful? Explain its terminologies. 4

Either :

4. a) Explain characteristics of virus. 4
- b) What do you mean by PC Fault? Explain different types of PC-Faults. 4

OR

- c) What is passive software maintenance? Explain in detail. 4
- d) Explain How Anti-Virus will help in eliminating virus. 4

5. Attempt all the questions.

- a) Explain various storage devices. 2
- b) Write a short note on optical Disk. 2
- c) Explain E-learning. 2
- d) Write about virus in short. 2
