

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

P. Pages : 2

Time : Three Hours



GUG/S/23/10614

Max. Marks : 40

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- 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 Block diagram of Computer and explain function of each unit in detail. 4
- b) Write a note on Pen Drive and Hard Disk. 4

OR

- c) Define Computer memory. Describe primary memory in detail. 4
- d) Explain Give the advantages and limitation of Computer in detail. 4

Either:

2. a) Write a note on: 4
 - i) Mouse
 - ii) Light Pen
- b) Write a note on 4
 - i) OCR
 - ii) OMR

OR

- c) Explain Pen Drive VDU in detail. 4
- d) Write a note on: 4
 - i) Optical Disk
 - ii) Touch Screen

Either:

3. a) Define Network. What is the need of Network. 4
- b) Write a note on E-Learning. 4

OR

- c) What is Network Topology? Explain any one in detail. 4
- d) What is Internet? Explain any three terms related with internet. 4

Either:

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| 4. | a) | What is Active Software Maintenance? Explain. | 4 |
| | b) | List and explain characteristics of virus. | 4 |

OR

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|-----------|----|--|----------|
| | c) | What is Passive Software Maintenance? Explain. | 4 |
| | d) | Explain various properties of Virus. | 4 |
| 5. | | Attempt all the questions. | |
| | a) | Explain functions of Computer in detail. | 2 |
| | b) | Explain Bar Code Reader in detail. | 2 |
| | c) | Write a short note on LAN. | 2 |
| | d) | Write a note on Virus. | 2 |
