

B.Sc.- I (CBCS Pattern) Semester-I
**USCST01 - Computer Science Paper-I - Information and
Communication Technology**

P. Pages : 2

Time : Three Hours



GUG/W/24/11546

Max. Marks : 50

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

Either:

1. a) Define computer. Explain block diagram of computer. 5
- b) State the difference between primary & secondary memory. 5

OR

- c) Write the characteristics of computer. 5
- d) Do as directed 5
 - i) $(BCA)_{16} = (?)_{10}$
 - ii) $(78)_{10} = (?)_8$

Either:

2. a) Explain any one Pick Device. 5
- b) Write a note on: 5
 - i) Mouse
 - ii) Pen Drive

OR

- c) What is meant by vision capturing devices. Explain Webcam in detail. 5
- d) Write a note on: 5
 - i) MICR
 - ii) OMR

Either:

3. a) Define operating system. Give the classification of operating system. 5
- b) Explain: 5
 - i) Recycle Bin
 - ii) Point

OR

- c) Explain the meaning of multi-user Multi-task operating system. 5
- d) Explain the Disk cleanup in detail. 5

Either:

4. a) Explain various services provided by internet. 5
- b) Write a note on: 5
- i) Freeware ii) shareware

OR

- c) Explain RING Topology with its advantages & disadvantage. 5
- d) Explain e-learning in detail. 5
5. Solve all questions.
- a) Convert $(BABA)_{16} = (?)_{10}$ 2½
- b) Explain Barcode Reader 2½
- c) Give the feature of windows operating system. 2½
- d) Write a note on: 2½
- i) Internet Addressing
