

B.Sc. - I (C.B.C.S. Pattern) Sem-I
USCST01 – Computer Science Paper – I
(Information and Communication Technology)

P. Pages : 2

Time : Three Hours



GUG/W/19/11546

Max. Marks : 50

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

1. Either :

- a) Draw neat and clean block diagram of computer with label. Explain the storage unit, memory unit and ALU. **5**
- b) Convert the following : **5**
 - i) $(65)_{10} = (?)_2$
 - ii) $(110011)_2 = (?)_{10}$

OR

- c) Define RADIX. Give RADIX of all the four Number systems with illustration. **5**
- d) Describe the role of CPU. Also differentiate between INPUT UNIT and OUTPUT UNIT. **5**

2. Either :

- a) What is OMR? Give the benefits and drawbacks of OMR. **5**
- b) Discuss on Projector in brief. **5**

OR

- c) Write a note on following terms : **5**
 - i) LASER printer
 - ii) Digital Camera
- d) Describe the VDU in detail. **5**

3. Either :

- a) Explain the following terms : **5**
 - i) Recycle Bin
 - ii) Disk Cleanup

b) Discuss Administrative Tools in detail. 5

OR

c) Describe classification of operating system. 5

d) Write a note on following terms : 5

i) Calculator

ii) Paint

4. Either :

a) Describe the social and ethical issues related with Internet? 5

b) Discuss on different services provided by Internet. 5

OR

c) Explain about E – Learning in the age of IT. 5

d) Differentiate Freeware and Shareware Software. 5

5. Solve all questions :

a) List all the characteristics of Computer. 2½

b) What is Blue Ray Disk? 2½

c) What does acronym GUI stands for? Write down its feature. 2½

d) What is Topology? 2½
