USCST01 - Computer Science Paper-I : Information and Communication Technology

P. Pages : 2

GUG/W/23/11546 (S)

Time : Three Hours

|| *8297* ||

Max. Marks : 50

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and clean with well labeled diagram wherever necessary.
3. Avoid vague answers relevant to specific to questions only.

Either :

1. a) Draw block diagram of computer. Explain each block in brief. **5**

b) Give the concept of RADIX of a Number system. Illustrate the concept with example. **5**

OR

c) Write an advantages and disadvantages of computer. **5**

d) Convert : **5**

i) $(110111)_2 = (?)_{10}$

ii) $(128)_{10} = (?)_8$

Either :

2. a) Write an importance of storage devices. **5**

b) What are the disadvantages of Dot Matrix Printer? How it is overcome? **5**

OR

c) What is Projector? Also explain it with its advantages. **5**

d) Write a note on Webcam. Also give its advantages. **5**

Either :

3. a) Write a short note on classification of Operating System. **5**

b) Discuss on : **5**

i) Notepad

ii) Recycle Bin

OR

c) Describe the features of WINDOWS Operating System. **5**

d) Explain : **5**

   i) Time sharing

   ii) Single User Multiple Task

Either :

4. a) Write a note on any two Communication Devices. **5**

b) Discuss on : **5**

   i) BUS Network Topology

   ii) TREE Network Topology

OR

c) What is Networking? Why these is need of Computer Network? **5**

d) Give the characteristics of LAN and WAN. **5**

5. Solve all questions :

   a) Explain RAM in short. **2½**

   b) Write a note on Touch Screen. **2½**

   c) Give the concept of Multiuser Operating System with example. **2½**

   d) What is Router? Write its uses. **2½**

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