

B.Sc. (I.T.) (Part-II) (with Credits)-Regular-Semester 2012 Sem IV  
**BScIT244 - PC Maintenance and Troubleshooting Paper- IV**

P. Pages : 2

Time : Three Hours



**GUG/W/16/5554**

Max. Marks : 80

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

**Either:**

1. a) What is BIOS ? Explain working with the BIOS setup program. **8**  
b) What is preventive maintenance ? Describe the tools required for preventive maintenance. **8**

**OR**

- c) What is passive maintenance ? Describe the procedure for passive maintenance. **8**  
d) Describe active software maintenance in details. **8**

**Either:**

2. a) What is virtual memory ? Describe will suitable illustration. **8**  
b) What is Data Processing ? Explain how data processing takes inside CPU. **8**

**OR**

- c) What is CPU ? Explain different types of CPUS. **8**  
d) Write short notes on. **8**  
i) Monitor Resolution.  
ii) Interfacing Refresh Rate.

**Either:**

3. a) What are Drives ? Describe different types of HDI's. **8**  
b) What is motherboard ? Explain block diagram of motherboard. **8**

**OR**

- c) What is SMPS ? Explain the importance and use of SMPS. **8**  
d) What is OS ? Explain procedure for installing operating system in computer system. **8**

**Either:**

4. a) What are the common printer problems faced by users ? **8**

b) What are trouble shooting ? Explain different types of PC faults in details. **8**

**OR**

c) What is formatting ? What are the important precautions to be taken for formatting ? **8**

d) What is the procedure for troubleshooting problems in speakers ? **8**

**5.** Solve **all** questions.

a) Write short notes on CMOS ? **4**

b) What is ROM and its types ? **4**

c) Write short notes on SATA Hard drive ? **4**

d) What is SMPS ? Explain. **4**

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