

B.Sc. (Information Technology) Fourth Semester  
**BSCIT244 - Paper-IV : PC Maintenance And Troubleshooting**

P. Pages : 2

Time : Three Hours



**GUG/W/18/1442**

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagram and use supporting data wherever necessary.
  3. Avoid vague Answer And write specific Answer related to questions.

**1.** Either

- a) Explain EMI Electrostatic Discharge control in brief. **8**
- b) Explain Humidity and corrosion control in details. **8**

**OR**

- c) Explain in detail. **8**
  - i) Active Hardware maintenance.
  - ii) Active Software maintenance.
- d) What is BIOS And CMOS? Explain in detail Working of BIOS setup program. **8**

**2.** Either

- a) Explain How Data processing Inside CPU? Explain different types of CPU in detail. **8**
- b) Explain Different Types of ROM in detail. **8**

**OR**

- c) What is virtual Memory? Explain Monitor Driver in detail. **8**
- d) Explain working of CRT? **8**

**3.** Either

- a) Explain different types of Drives. **8**
- b) Explain. **8**
  - i) Installing sound card.
  - ii) Installing Modem.

**OR**

- c) Write short note on. 8
  - i) Parallel and serial port.
  - ii) Front Panel Indicators & Speakers.
- d) Explain Installing the power supply in detail. 8

**4.** Either

- a) Explain printer performance in details. 8
- b) What is formatting? Explain precautions for formatting in detail. 8

**OR**

- c) What is Trouble shooting? Explain Memory Trouble shooting in detail. 8
- d) Explain power supply Testing and problems Troubleshooting in detail. 8

**5.** Solve all questions.

- a) What is preventive Maintenance schedule? 4
- b) What is video card? 4
- c) Write short note on Installing the CD ROM Drive. 4
- d) What is Diagnostic Hardware Tools? 4

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