

B.Sc.- II (Information Technology) CBCS Pattern Semester-IV  
**002 - Paper-II - PC-Maintenance & Trouble Shooting**

P. Pages : 2

Time : Three Hours



**GUG/W/23/11970**

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw a neat and labelled diagram wherever necessary.
  3. Avoid vogue answers and write specific answer to question.

**Either:**

1. a) Explain the following 4
  - i) Active Hardware Maintenance
  - ii) Active Software Maintenance
- b) Explain the heat and temperature control in detail. 4

**OR**

- c) Explain the Discharge control and corrosion control in brief. 4
- d) Explain the following- 4
  - i) BIOS
  - ii) CMOS

**Either:**

2. a) Explain the different types of CPUs. 4
- b) Explain the procedure of installing and removing memory card. 4

**OR**

- c) Explain the following- 4
  - i) Video Cards
  - ii) Video Driver
- d) Explain the working of CRT in brief. 4

**Either:**

3. a) Explain the procedure of installation of operating system in detail. 4
- b) Explain the Hard Drive interfaces in detail. 4

**OR**

- c) Explain the following- 4
  - i) Installing sound card
  - ii) Installing modem
- d) Differentiate between parallel and serial port connection. 4

**Either:**

- 4. a) Explain the features and performance of printer in detail. 4
- b) Explain the formatting PC and taking a Backup of Data before formatting in brief. 4

**OR**

- c) Explain the following- 4
  - i) Diagnostic software tools
  - ii) Diagnostic hardware tools
- d) Explain the procedure of cleaning and Trouble shooting of keyboard in detail. 4

- 5. Solve all the questions.
  - a) Write a short note on Dust and pollution control. 2
  - b) Write a short note on virtual memory. 2
  - c) Explain the different types of Drivers in brief. 2
  - d) Explain the types of PC faults in brief. 2

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