

B.C.A. - II (CBCS Pattern) Semester-IV
UBCAT405 - Paper-V : PC Maintenance

P. Pages : 2

Time : Three Hours



GUG/S/25/11979

Max. Marks : 40

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- 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 question.

Either :

1. a) What do you mean by Active hardware maintenance? Describe in brief. 4
- b) Explain 4
 - i) Humidity and corrosion control.
 - ii) Dust and pollution control.

OR

- c) Write about BIOS setup program. 4
- d) Describe the need of preventive maintenance? Explain its maintenance tools in brief. 4

Either :

2. a) Explain in detail various types of CPU. 4
- b) What do you mean by main memory? Explain the steps for installing and removing memory in PC. 4

OR

- c) Write a short note on: 4
 - i) Display Resolution
 - ii) Refresh Rate.
- d) How does CRT work? Discuss in detail. 4

Either :

3. a) Describe Disk formatting process in brief. 4
- b) Give the procedure to installation of operating system. 4

OR

- c) Give the procedure to install 4
 - i) CD ROM Drive
 - ii) Video Card

- d) Write in detail about SATA, IDE & SCSI hard drives. 4

Either :

4. a) Explain different types of printer problems in detail. 4
- b) Describe how to troubleshoot front panel indicator. 4

OR

- c) Explain which types of tools are used in Diagnostic purpose for the maintenance of PC. 4
- d) Explain different types of PC faults in brief. 4

5. Solve all the questions.

- a) Explain EMI discharge control. 2
- b) What do you mean by interfacing? Explain. 2
- c) Write the installation procedure for Operating system. 2
- d) Describe diagnostic and repair tools in detail. 2
