

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

P. Pages : 2

Time : Three Hours



GUG/S/23/11979

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 questions.

Either:

1. a) What is mean by PC maintenance? Explain types of preventive maintenance. 4
- b) Explain how the temperature, humidity and pollution affect on PC performance. 4

OR

- c) What is preventive maintenance? Explain need and benefits of preventive maintenance. 4
- d) Differentiate between Active software and Hardware maintenance. 4

Either:

2. a) What is ROM? Explain different types of ROM. 4
- b) Draw block diagram of CPU. Explain the history of CPU. 4

OR

- c) Explain the following terms. 4
 - i) Virtual Memory.
 - ii) Refresh Rate.
- d) What is CRT? Explain working of CRT with suitable diagram. 4

Either:

3. a) Explain common hard derive problems in detail. 4
- b) Discuss installation procedure for CD ROM drive and keyboard in detail. 4

OR

- c) Write about SATA, SCSI and ATA drive in detail. 4
- d) Explain disk formatting process in PC. 4

Either:

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| 4. | a) | Differentiate between serial and parallel port. | 4 |
| | b) | Explain common printer problems and explain how it is to be eliminated. | 4 |

OR

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|-----------|----|--|----------|
| | c) | Explain the diagnostic software tools in PC. | 4 |
| | d) | What is trouble shooting? Explain troubleshooting of display problems. | 4 |
| 5. | | Solve all the questions. | |
| | a) | Explain function of BIOS. | 2 |
| | b) | Explain in brief about interfacing. | 2 |
| | c) | Explain the procedure to install keyboard. | 2 |
| | d) | Write down steps for trouble shooting of speakers. | 2 |
