

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

P. Pages : 2

Time : Three Hours



**GUG/W/24/11979**

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) Explain the following. 4
  - i) Active maintenance
  - ii) Passive maintenance
- b) Explain in detail how following factors affect on PC performance 4
  - i) Corrosion
  - ii) Heat and Temperature

**OR**

- c) What is BIOS and CMOS setup? Explain working of BIOS setup. 4
- d) What is mean by PC maintenance? Explain types of preventive maintenance. 4

**Either:**

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

**OR**

- c) Explain the following terms 4
  - i) Virtual memory
  - ii) Display Resolution
- d) Write the installation procedure for main memory of PC. 4

**Either:**

3. a) Give the procedure of install 4
  - i) Sound Card
  - ii) Modern Card
- b) Give the installation steps for operating system in PC. 4

**OR**

- c) Explain the working of Hard Drive in detail. 4
- d) Write steps to format the Disk in PC. 4

**Either:**

- 4. a) Explain various common printer problems in detail. 4
- b) Explain the procedure to Assemble the PC. 4

**OR**

- c) Write a note on troubleshooting of Keyboard and Mouse. 4
- d) What is the role of front panel Indicator? Explain. 4

5. Solve all the questions.

- a) What is dust and pollution control? Explain. 2
- b) Write the steps for adjusting display setting in windows. 2
- c) Explain how to install keyboard. 2
- d) Write steps to install the printer drivers. 2

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