

B.Sc. (IT) - II (C.B.C.S. Pattern) Sem-IV
UBITT402 - Paper-II : PC-Maintenance & Troubleshooting Paper-II

P. Pages : 2

Time : Three Hours



GUG/W/19/11970

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw a well labelled diagram wherever necessary.
 3. Avoid vague answers and write specific answers related to questions.

1. Either

- a) Explain in detail the schedule for preventive maintenance. 4
- b) What is BIOS and CMOS? Explain in detail the working of CMOS setup program. 4

OR

- c) Explain: 4
 - i) Heat and temperature control
 - ii) Dust and pollution control.
- d) Differentiate between active software maintenance and active hardware maintenance. 4

2. Either

- a) Explain in detail the working of CRT. 4
- b) What is main memory? Explain the steps for installing and removing memory in PC. 4

OR

- c) Explain in detail the various types of CPU. 4
- d) Explain the following: 4
 - i) Refresh rate
 - ii) Monitor Drive

3. Either

- a) What do you mean by drives? Explain different types of drivers. 4
- b) Explain the following. 4
 - i) Hard drive performance
 - ii) Front Panel Indicator.

OR

c) Write the complete procedure for installing operating system and various software. 4

d) Discuss in detail the common Hard drive problems. 4

4. Either

a) What is troubleshooting? Explain troubleshooting of display problems. 4

b) What is formatting? Explain important precautions for formatting PC. 4

OR

c) What are the advanced testing tools? Explain in detail. 4

d) Explain the features of Printer in detail. 4

5. Attempt all questions.

a) Explain shock and vibration control in short. 2

b) Explain in brief about interfacing. 2

c) Explain how to adjust display resolution setting in window. 2

d) Explain in brief about system Restore. 2
