

END OF SEMESTER EXAMINATIONS, NOVEMBER – 2017  
PC TROUBLE SHOOTING & MAINTENANCE  
SUBJECT CODE: 16UBCT02

MAJOR : B.Sc.(CT)  
TIME : 3 HOURS

SEMESTER : III  
MAX. MARKS: 75

**SECTION – A (5 X 2 = 10)**

**Answer All Questions:**

1. What are the 3 general Classification of Case?
2. What is the role of CRT in modern Computer Monitor?
3. What is Thermal Calibration in Hard Disk?
4. Explain POST. Give its use.
5. Name any two devices sensitive to damage from electrical transients.

**SECTION – B (5 X 4 = 20)**

**Answer All Questions:**

6. a) Describe Power Connectors in PC.  
(OR)  
b) Describe the Common Motherboard Controllers in PC.
7. a) Address any 4 Troublesome Keyboard problems.  
(OR)  
b) Describe dealing with Spills on Keyboard.
8. a) What are the steps to change a CD Drive Letter?  
(OR)  
b) Enumerate the steps to enable DMA for CD Drives.
9. a) What are the steps to be followed before Drive Troubleshooting?  
(OR)  
b) Give any 2 PCI symptoms of power protection device problem.
10. a) Describe the tips to isolate basic Bus problems.  
(OR)  
b) Explain any 2 power protection device problem symptoms with solution.

**SECTION – C (3 X 15 = 45)**

**Answer Any THREE Questions:**

11. Explain PC Sound Systems in detail.
12. What are the 4 major operations of CRT Test Equipment? Explain in detail.
13. Explain the factors that influence CD Recording in detail.
14. Explain any 2 general symptoms of BIOS Troubleshooting.
15. Explain any 5 general Motherboard symptoms in detail.

\*\*\*\*\*