

M.C.M.- I F.Y. (Choice Based) Regular Semester 2016 Sem I (New)  
**PCMCMT104.2 : Elective-II : Paper-IV : PC-Maintenance**

P. Pages : 2

Time : Three Hours



**GUG/W/16/8058**

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labeled diagram wherever necessary.
  3. Avoid vague answers and write answers relevant and specific to questions only.

**Either**

1. a) Describe the schedule of preventive Maintenance in detail. **8**  
b) Distinguish between BIOS & CMOS with its features. **8**

**OR**

- c) What is EMI Electrostatic Discharge control? Explain the procedure to perform electrostatic discharge. **8**  
d) What is Booting? Explain different types of booting. **8**

**Either**

2. a) What is CPU? Explain the important characteristics of CPU. **8**  
b) What is interfacing? Write down the steps for adjoining monitor resolution. **8**

**OR**

- c) What is ROM? Explain different types of ROM. **8**  
d) What is Refresh Rate? Explain procedure to adjust display settings in windows. **8**

**Either**

3. a) What are Add-on cards? Explain the procedure to install add-on cards in computer systems. **8**  
b) What are front panel indicators? Explain the configuration of front panel connectors in details. **8**

**OR**

- c) What is Hard Drive interfaces? Explain IDE & SATA Hard disk drives in details. **8**  
d) What is partition of Drives? Explain primary and logical partition in details. **8**

**Either**

4. a) Explain important diagnostic software tools used for PC trouble shooting. 8
- b) What are the common problems speakers and its solutions? 8

**OR**

- c) What are the advanced testing tools used for hardware diagnostic? Explain. 8
- d) What are PC faults? Explain different types of PC faults commonly seen. 8
5. Attempt all question.
- a) Explain Humidity and Corrosion Control. 4
- b) Explain data processing inside CPU. 4
- c) Write short notes on: 4
- i) SCSI.
- ii) SATA
- d) Explain system Restore feature. 4

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