PSMCAT105.2-Paper-V : Elective-II : PC-Maintenance

P. Pages : 2

Time : Three Hours

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GUG/S/18/8046

Max. Marks : 80

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

Either

1. a) Discuss in detail about the active software maintenance. **8**

b) Explain the following. **8**

  i) Shock and vibration control. ii) Humidity and corrosion control.

OR

c) Discuss in detail various tools available for preventive maintenance. **8**

d) Explain the following: **8**
  i) Dust and pollution control. ii) Electrostatic discharge control.

Either

2. a) Explain, how data is processed inside CPU? **8**

b) Explain the working of LCD monitor. **8**

OR

c) Explain the following. **8**

  i) Virtual memory ii) Monitor Driver

d) Define RAM. Differentiate between RAM and ROM. **8**

Either

3. a) Explain the process of installing hard drive and its partitioning. **8**

b) What is meant by add on card? Write the steps for attaching Add-on card. **8**

OR

c) Explain the installation of **8**

  i) Motherboard ii) CD-ROM drive

d) Explain the procedure for testing the motherboard. **8**

Either

4. a) What precautions should be taken before formatting the PC? Explain. **8**

b) Explain in detail various advance testing tools. **8**

OR

c) Explain different types of printer. **8**

d) Explain the trouble shooting of **8**

   i) Mouse   ii) Speakers

5. Attempt all the questions.

   a) Write a short note on BIOS. **4**

   b) Explain, how display setting in windows can be adjusted? **4**

   c) Define & explain parallel port connection. **4**

   d) Write a short note on system restore. **4**

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