P. C SYSTEM TECHNOLOGY

Full Marks – 70

Pass Marks – 28

Time – Three hours

The figures in the margin indicate full marks for the questions.

Answer any *five* questions.

1. (a) Discuss about the personal computer family at IBMPC, PC, PC-XT and PC-AT with specification. 7

   (b) Explain the various Microprocessors used in IBM PCS with their specification. 7

2. (a) What is the latest standard of RAM module used in PCS ? State its features. 6

   (b) State and explain the important specifications of Microprocessors used in PCS. 8

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3. (a) What is BIOS ? Explain its functions. 7

(b) Bring out a comparison of MS-DOS and MS-Windows operating system. 7

4. (a) What do you understand by formating of a storage device ? Explain. 6

(b) With reference to DOS/Windows operating system, explain hard disk partitioning. 8

5. (a) What are USB and Firewire ports ? What are their advantages ? 6

(b) Explain the concept of a pointing device. Also write in your own words about the working principle of a mouse. 2+6=8

6. (a) Define pixels, resolution, dot pitch, refresh rate and aspect ratio of a display monitor. 8

(b) Mention the features of a LCD/LED display interfacing standard. 6

7. (a) Enlist different parts / components of a present day PC motherboard and give a brief description of each of them. 8

(b) Discuss about different memory modules used in PC motherboard. 6