

DR

Peripherals and Interfaces

E-11

2K5-DS-5

Roll No.:

33

Time : 3 Hrs.

M.M. 100

Note :

1. Part 'A' may be attempted in first 5 pages of Answer Sheet.
भाग 'क' के सभी उत्तर, उत्तर-पुस्तिका के प्रथम पांच पृष्ठों में ही करने हैं।
2. Part 'B' in rest of the Sheets of Answer Sheet.
भाग 'ख' के उत्तर, उत्तर-पुस्तिका के अगले शेष पृष्ठों में लिखिये।
3. Answers may be given in English or Hindi.
प्रश्नों के उत्तर अंग्रेजी अथवा हिन्दी में दीजिये।

Part 'A'

1. Attempt any 10 questions.

10x1=10

- (i) What do you mean by resolution in CRT?
- (ii) What is the bandwidth of monitor?
- (iii) PAL stands for _____
- (iv) State the purpose of scanner.
- (v) Define persistence?
- (vi) Name some data encoding techniques.
- (vii) What is interface?
- (viii) What is disk driver?
- (ix) Mouse is used for _____
- (x) DMP stands for _____
- (xi) What is hard disk?
- (xii) What is display buffer?
- (xiii) What is optical storage media?
- (xiv) Define 'Actuator'

2. Attempt any 5 questions:

5 x 4= 20

- (i) Differentiate between impact and non-impact printer.
- (ii) What is a touch screen? Explain in brief how it works?
- (iii) What is partitioning?
- (iv) Explain what is Zip drive? Write its purpose.

- (v) What is sector interleaving?
- (vi) Write a short note on basic concept of PAL and NTSC standards.
- (vii) Write a note on Hard disk..
- (viii) What are video display adaptors? Write briefly about them.

PART-B**Attempt any 3 questions:****3 X 20 = 60**

- 3. (a) Write explanatory note on display devices explaining raster scan and vector scan.
(b) Explain in detail basic principle and working of monitor.
- 4. (a) Explain construction and working of DMP.
(b) Explain the common fault of inkjet printer and its remedies.
- 5. (a) What is low level formatting and high level formatting and what is the main difference between them?
(b) What are different types of actuator? Explain any one type of actuator.
- 6. (a) What do you understand by MEM? and RLL and differentiate between them.
(b) Explain any one type of interface and its working principle.
- 7. (a) What is key board? Explain different types of keyboard in brief.
(b) Explain the construction and working principle of CD-ROM.