DR

# Peripherals and Interfaces

E-11
Roll No.: 37

2K5-DS-5

Time: 3 Hrs.

M.M. 100

#### Note:

- 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।
- 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'

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## 1. Attempt any 10 questions.

 $10x_1 = 10$ 

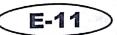
- (i) What do you mean by resolution in CRT?
  - (ii) What is the bandwidth of monitor?
  - (iii) PAL stands for\_
  - (iv) State the purpose of scanner.
  - (v) Define persistence?
  - (vi) Name some data encoding techniques.
- (vii) What is interface? tps://diplomate.greybits.in/
- (viii) What is disk 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'

## Attempt any 5 questions:

5 x 4= 20

- 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.

1/4



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

#### PART-B

## Attempt any 3 questions:

 $3 \times 20 = 60$ 

- 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.