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I N D I A

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**M. C. A. ENTRANCE**

**TEST PAPER: COMPUTER AWARENESS TEST-III**

**Total Questions: 15**

**Max. Time: 20 Min.**

1. In which one of the following types of disks, the read/write head physically contacts the surface of the disk while recording?
- Optical disk
  - Floppy disk
  - Hard disk
  - CD-ROM
2. A floppy disk rotates at
- 1,000 rpm
  - 2,000 rpm
  - 100 rpm
  - 360 rpm
3. The sector size of a floppy disk
- varies from 1 byte to 1000 bytes
  - is fixed
  - is unlimited
  - varies from 128 bytes to 1024 bytes
4. A hard disk has
- 100,000 tracks
  - 100 tracks
  - 200 tracks
  - 500 to 1000 tracks or more
5. A standard magnetic tape reel accommodates
- 800 feet of magnetic tape
  - 400 feet of magnetic tape
  - 1,000 feet of magnetic tape
  - 2,400 feet of magnetic tape
6. The storage capacity of a cartridge tape is
- 100 MB
  - 40 MB
  - 400 MB
  - 20 MB
7. The access time of bubble memory is
- 300 milliseconds
  - 100 milliseconds
  - 4 milliseconds
  - 20 milliseconds
8. The recording density that can be obtained in a magnetic tape using vertical recording technique is
- 1,00,000 bits/sq.cm
  - 50,000 bits/sq.cm
  - 10000 bits/sq.cm
  - 2.5 million bits/sq.cm
9. Single density recording is also known as
- return-to-zero encoding
  - phase encoding
  - frequency modulation
  - modified frequency modulation
10. Which of the following encoding technique is used to record data in high density magnetic tape transport?
- Phase encoding
  - Frequency modulation
  - Return-to-zero encoding
  - Modified frequency modulation
11. WORM drive is associated with
- burning of holes in the medium
  - melting a spot of crystalline material momentarily
  - heating a spot on the disk beyond the curie point
  - None of the above
12. For a storage requirement exceeding 1 GB, which one of the following system costs the least per megabyte?
- Optical disk
  - Floptical disk
  - Floppy disk
  - Syquest disk

**13.** Which one of the following is not an input device?

- (a) Joystick
- (b) Mouse
- (c) Keyboard
- (d) Printer

**14.** The input device that is closely related to a touch screen is the

- (a) light pen
- (b) keyboard
- (c) joystick
- (d) mouse

**15.** The input device that is most likely to be used to play computer games is the

- (a) keyboard
- (b) joystick
- (c) mouse
- (d) touch screen