Part I

1) Which is not a quality of information?

   1. Beautiful   2. Relevancy   3. Accuracy   4. Timeliness

2) Which machine is used to record the activities of the brain?

   1. Cardiac Screening Machine   2. EEG   3. CAT   4. MRI

3) Which of the following is/are considered as first generation computers.

   A. ENIAC   B. IBM 7030   C. Honey well   D. EDVAC   E. Apple II

   1. A only   2. A,B only   3. A,D only   4. All are correct

4) Which of the following major technology used in Third Generation Computers?

   1. Microprocessor   2. Transistor   3. Vacuum Tube   4. Integrated Circuit

5) ……………………………. is an example of Hybrid computer.

   1. Meteorological device   2. ECG machine   3. Speedometer   4. EEG machine

6) Which device helps in measuring fertility and humidity levels of soil?

   1. Meteorological device   3. Field conditions device

   2. RFID   4. Automated Weed remover

7) Mechanical loom was invented by.

   1. Gottfried Wilhelm   2. Blaise Pascal   3. Howard Aiken   4. Joseph Jacquard

8) The output on the screen is called a …………………………..

   1. first copy   2. soft copy   3. hard copy   4. light copy

9) Identify the following ports which are labeled 1-4.

   1. PS/2 ports, Serial port, Audio ports, Video port
   2. USB Port, Serial port, PS/2 ports, Video port
   3. PS/2 ports, Parallel port, Audio ports, VGA port
   4. PS/2 ports, Parallel port, Audio ports, Serial port
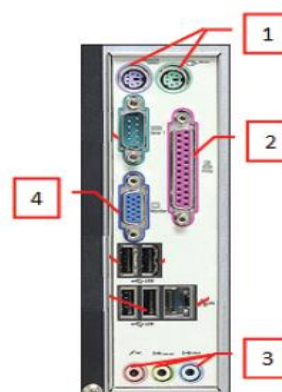
10) RAM is a ……………………… Memory.

   1. secondary   2. permanent   3. volatile   4. non- volatile

11) The correct order of Input, Output and Storage Devices.

	Input Devices	Output Devices	Storage Devices
1)	Floppy Disk	Printer	Hard disk
2)	Web camera	OCR	Scanner
3)	Light pen	Multimedia Projector	MICR
4)	Joystick	Plotter	Memory Card

12) Consider the following printers:

   (A) Dot Matrix Printer (B) Line Printer (C) Thermal Printer

   Which of the above is/ are non-impact printer/ printers?

   1. A only   2. C only   3. B and C only   4. All A, B and C

13) Consider the followings.

   (A) ALU   (B) CU   (C) RAM   (D) Register

   Which of the above is/ are the component(s) of CPU?

   1. A only   2. B, C only   3. A, B, C only   4. A, B, D only

14) Which device is used to input sound to computer?

   1. Speaker   2. Barcode Reader   3. Light Pen   4. Microphone

15) Which is the correct descending order of capacity of storage device?

   1. Hard disk, Register memory, Magnetic tape, ROM

   2. Magnetic tape, RAM, Cache memory, Flash drive

   3. Register memory, RAM, Hard disk, Magnetic tape

   4. Magnetic tape, Hard disk, RAM, Register memory

16) Consider the following devices,

   (A) Joy stick   (B) OMR   (C) Light Pen (D) Printer

      Select the Pointing device and the Scanning device respectively

   1. A and D   2. A and C   3. A and B   4. C and B

17) The speed of the computer is measured in

   1. hertz   2. byte   3. seconds   4. bits

18) Consider the following statements.

   A – Data accessing speed of magnetic tape drive is higher than the random access memory.

   B – Data accessing speed of cache memory is higher than the random access memory.

   C – Data accessing speed of hard disk is higher than the cache memory.

   Which of the above is/are correct?

   1. A only   2. B only   3. C only   4. A, C only

19) Which of the following data storage devices is/are based on solid state technology?

   A – Memory card   B – Floppy disk   C – Compact disk   D – Flash drive

1. A only   2. D only   3. B, C only   4. A, D only

20) **HDMI** stands for,
1. High Define Multimedia Interface   3. High Definition Multimedia Interface
2. High Definition Multi Interface   4. High Diode Multi Interface

21) The figure indicates,
1. QR code   3. OCR
2. Barcode   4. MICR

22) This is a metallic, aluminum or ceramic disk and data can stored on both sides using magnetic media. It is called,
1. Platter   2. Head   3. Actuator   4. Spindle

23) Both station can transmit and receive data simultaneously in
1. Simplex mode   3. Full duplex mode
2. Half duplex mode   4. Serial mode

24) Guided media provides a conduit from one device to another, includes
1. Twisted pair cable   3. Coaxial cable
2. Fiber optic cable   4. All of the above

25) Computer Network is
1. Collection of hardware components and computers
2. Interconnected by communication channels
3. Sharing of resources and information
4. All of the Above

26) What is the topology of the computer network shown in figure?
1. Ring
2. Star
3. Bus
4. Tree
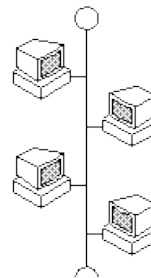
27) Which of the following unguided media is used in T.V remote control?
1. Bluetooth   2. Infrared   3. Microwaves   4. Wi-Fi

28) Communication between a computer and a keyboard involves _____ transmission
1. Half-duplex   2. Full-duplex   3. Simplex   4. None of the above

29) Which are correct statements regarding firewall in Computer Network?
A. It is a network security
B. An operating System of Computer Network
C. It can be software and hardware
D. A web browsing Software
1. A, D   2. A, B   3. A,B,C   4. All of the above

30) The equivalent of 256 is
1. 1001110_2 2. 234_8 3. $9D_{16}$ 4. 2, 3 are correct

31) Find the MSD and LSD of this number 0.0947_{10} respectively,
1. 9,7   2. 0,7   3. 0,0   4. 7,0

32) How many bits are used in EBCDIC coding system?
1. 7   2. 16   4. 8   4. 4

33) Which is could not be a value of indicates in the counting frame?
1. 349_{10}
2. 4411_8
3. 101011101_2
4. $15D_{16}$

two hundred fifty six   Sixteens   Ones
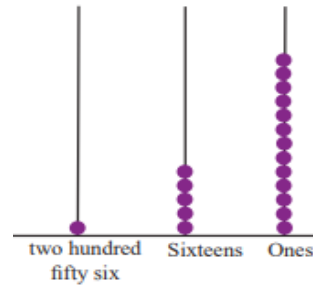
34) Which of the following has the least value?
1. 53_{16} 2. 48_{10} 3. 101100_2 4. 55_8

35) 8MB is equivalent to,
1. 128 bytes   2. 4096 bits   3. 2^{13} GB   5. 2^{13} KB

36) If the character 'E' is represented as 1000101 in ASCII coding scheme, what is the ASCII code for character 'M'?
1. 1001110_2 2. 1001101_2 3. 1001100_2 4. 10010101_2

37) In BCD coding system one digit is represented by 4 bits. Which of the following has the least value in BCD coding system?
1. 00100010   2. 10001000   3. 01001000   4. 11001001

38) A small storage device that can be used to transport files from one computer to another is called,
1. Flash drive   2. Floppy disk   3. Hard disk   4. Compact disc

39) Which of the following is capacity of Blue-Ray disk?
1. 25GB – 128GB   2. 650MB – 900MB   3. 4.7GB – 9.4GB   4. 250GB – 4TB

40) Which is not a feature of the computer?
1. Accuracy   2. Versatility   3. Thinking ability   4. Storing and Retrieving