

Information Communication Technology

Unit Exam-2

Grade : 10

Fundamentals of a computer system

Part 1

Answer all questions:

1. 'The computer gives the right information to the correct data and instructions' Which of the following is suitable for the above statement?
1) Accuracy 2) speed 3) Versatility 4) Efficiency
2. Which of the following is not a classification of computer according to physical size?
1) Super Computer 2) Main Frame 3) Personal Computer 4) Digital
3. A classification of computer according to technology:
1) Digital 2) Analog 3) Hybrid 4) all of them
4. Which of the following is an input device?
1) Printer 2) Mouse 3) Speaker 4) Monitor
5. A pointing device:
1) Keyboard 2) Scanner 3) Touch pad 4) Printer
6. Expansion of CCTV:
1) Closed circuit TV 2) Closed circle TV
3) Class circuit TV 4) Class circle TV
7. One of the scanners used to check for the veracity of the check:
1) Bar Code Reader 2) MICR (Magnetic Ink Character Reader)
3) OMR (Optical Mark Recognition) 4) OCR (Optical Character Recognition)
8. Which of the following is not an output device?
1) Monitor 2) Multi Media Projector 3) Printer 4) Keyboard
9. A type of monitor which is used for symbols, billboards and name boards in common places and roads.
1) LED 2) LCD 3) Multi Media Projector 4) CRT
10. A device which gives hardcopy.
1) Monitor 2) Multi Media Projector 3) Printer 4) Keyboard

11. Which of the following printer noisy and Ink Ribbon is used to print: .
1) Laser Printers 2) Bubble Printers 3) Thermal Printer 4) Line Printer
12. is used in business used in businesses to print receipts in devices such as like ATM, and in printing labels:
1) Laser Printers 2) Dot matrix Printers 3) Thermal Printer 4) Line Printer
13. Considered as brain of computer:
1) CPU 2) Motherboard 3) Hard Disk 4) mouse
14. Unit of speed of computer:
1) m/s 2) bit 3) Hz 4) N
15. Which of the following is not a main memory of computer:
1) RAM 2) ROM 3) Hard Disk 4) Cache Memory
16. Volatile memory:
1) Hard Disk 2) RAM 3) ROM 4) Floppy
17. A secondary memory:
1) Cache Memory 2) ROM 3) CD 4) RAM
18. Which of the following is a magnetic media device.
1) Hard Disk 2) DVD 3) Pen Drive 4) Memory Card
19. Capacity of a CD (Compact Disk)
1) 700MB 2) 1.4 MB 3) 9 Bits 4) 4TB
20. A type of CD Can be used to write data and information once until the capacity is filled.
1) CD-ROM 2) CD-RW 3) CD-R 4) CD RR
21. High capacity secondary storage device.
1) Blu - ray 2) DVD 3) CD 4) Floppy
- 22..... can connect with motherboard by PS/2 Port.
1) Mouse 2) Printer 3) Scanner 4) Monitor
23. Which is the following port can connect computers in network
1) PS/2 2) RJ 45 3) Parallel port 4) Serial Port
24. A data transmission media is used for TV antenna and CCTV:
1) Twisted pair 2) Coaxial Cable
2) Fiber optical 4) Infrared
25. is the device used to build a connection between two or more computer networks. It is also called a Gateway.
1) Modem 2) Switch
3) Hub 4) Router

PartII

1. 1) What is Data Communication?
 - 2) What are basic components that are needed for data communication?
 - 3) Give the data transmission modes and give example for each?
 - 4) What are the unguided media? Give them the opportunity to use.
2. 1) Give three devices which are used in computer network.
 - 2) Give two differences between switch and hub?.
 - 3) Describe about Firewall.
3. 1) What are the type of computer network?
 - 2) Write and Explain three network topology.
 - 3) Give three Advantages of the network.
 - 4) Give three disadvantages of the network.
4. 1) What are the prime memories?
 - 2) Divide the secondary memories and give example for each one.
 - 3) Describe the function of cache memory?
 - 4) Describe the speed of computer?
5. 1) Give 4 input device.
 - 2) Give 2 pointing device..
 - 3) Give 3 output device.
 - 4) Give three type of computer monitor.