EXERCISE

**FILL IN THE BLANKS :**

1. The simplest and commonly used input unit is \_\_\_\_\_\_\_\_\_.
2. Information stored in the computer is in the \_\_\_\_\_\_\_\_\_ form.
3. CPU consist of \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.
4. ALU consists of \_\_\_\_\_\_\_\_\_.
5. Memory consist of several high speed \_\_\_\_\_\_\_\_\_.
6. The function of the memory unit is to store \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.
7. There two classes of memory devices are \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_
8. Primary storage is \_\_\_\_\_\_\_\_\_ in nature.
9. Secondary storage is \_\_\_\_\_\_\_\_\_ in nature.
10. Main memory consists of \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.
11. RAM is divided into \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.
12. SRAM does not have \_\_\_\_\_\_\_\_\_ in each cell.
13. In EPROM, erasing is possible by used of \_\_\_\_\_\_\_\_\_.
14. In EEPROM, erasing the contents is possible by applying \_\_\_\_\_\_\_\_.
15. Auxiliary memory consist of \_\_\_\_\_\_\_\_\_ or. \_\_\_\_\_\_\_\_\_
16. Auxiliary memory is also known as \_\_\_\_\_\_\_\_\_.
17. The processor is also known as \_\_\_\_\_\_\_\_\_.
18. Clock speed is measured in \_\_\_\_\_\_\_\_\_.
19. The devices which are used to send the data to the computer are called\_\_\_\_\_\_\_\_\_\_\_\_\_.
20. The data which is entered in the computer is \_\_\_\_\_\_\_\_\_\_\_\_\_ in nature.
21. In the keyboard the keys are arranged in \_\_\_\_\_\_\_\_\_\_\_\_\_ form.
22. Mouse can be used for \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ data.
23. In mouse, left button is pressed for \_\_\_\_\_\_\_\_\_\_\_\_\_ activities and right button is clicked for \_\_\_\_\_\_\_\_\_\_\_\_\_ activities.
24. Mouse is used in \_\_\_\_\_\_\_\_\_\_\_\_\_ application.
25. MICR are very widely used in \_\_\_\_\_\_\_\_\_\_\_\_\_.
26. Bar code reader uses \_\_\_\_\_\_\_\_\_\_\_\_\_ technology for reading the bar coded data.
27. Scanner is used to scan \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_ and converts these to \_\_\_\_\_\_\_\_\_\_\_\_\_.
28. Quality of the picture displayed on the monitor screen depends on the \_\_\_\_\_\_\_\_\_\_\_\_\_ of the scanner.
29. Light pen is a pen like structure having \_\_\_\_\_\_\_\_\_\_\_\_\_.
30. A light pen can work only in \_\_\_\_\_\_\_\_\_\_\_\_\_ monitor.
31. Video Display Unit called \_\_\_\_\_\_\_\_\_\_\_\_\_.
32. A monitor represent is like a \_\_\_\_\_\_\_\_\_\_\_\_\_.
33. Information on a computer is displayed in the form \_\_\_\_\_\_\_\_\_\_\_\_\_.
34. Printers are of \_\_\_\_\_\_\_\_\_\_\_\_\_ types.
35. The speed of dot matrix printers is measured as \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_.
36. In Inkjet printer \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ coloured inks are used.
37. Bits are stored on the magnetized surface in spots along concentric circles called \_\_\_\_\_\_\_\_\_\_\_\_\_.
38. The tracks are commonly divided into sections called \_\_\_\_\_\_\_\_\_\_\_\_\_.
39. In magnetic tape, the information is recorded in blocks known as \_\_\_\_\_\_\_\_\_\_\_\_\_.
40. The floppy disk is mainly available in \_\_\_\_\_\_\_\_\_\_\_\_\_ size.
41. The storage capacity of 3.5” floppy is \_\_\_\_\_\_\_\_\_\_\_\_\_.
42. A CD is a wonderful storage device which has \_\_\_\_\_\_\_\_\_\_\_ in diameter and \_\_\_\_\_\_\_\_\_\_\_\_ in thickness.
43. A CD can store an amount of \_\_\_\_\_\_\_\_\_\_\_\_\_ data.
44. In CD, the transfer rate of data is represented by \_\_\_\_\_\_\_\_\_\_\_\_\_.
45. A 52 x CD ROM can transfer the data at the rate of \_\_\_\_\_\_\_\_\_\_\_\_\_ per second.
46. A CD can store nearly \_\_\_\_\_\_\_\_\_\_\_\_\_ more data than a floppy disk.
47. The information is recorded on the CD ROM with the help of \_\_\_\_\_\_\_\_\_\_\_\_\_.
48. A DVD can store up to \_\_\_\_\_\_\_\_\_\_\_\_\_ of data.
49. The Zip drive is \_\_\_\_\_\_\_\_\_\_\_\_\_ cm.
50. Pen drive has a storage capacity ranging from \_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_.
51. Smart card is associated with \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ can use it in some other purposes as well.

**MULTIPLE CHOICE QUESTIONS :**

1. Functions key on the keyboard are mainly used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

(a) Input only (b) Output only

(c) None of these

(d)Miscellaneous functions

1. The most commonly used input device is

(a) Keyboard (b) Scanner

(c) Joystick (d) Trackball

1. The keys on the keyboard which do special tasks are

(a) Arrow keys (b) Numeric keys

(c) Function keys (d) Navigation keys

1. A dot matrix printer uses \_\_\_\_\_\_\_\_\_\_ to form letters.

(a) Bars (b) Codes

(c) Pins (d) Daisy wheels

1. A laser printer is an example of

(a) Dot matrix printer

(b) Impact printer

(c) Chain printer (d) Non-impact Printer

1. A individual dot on a computer screen is called

(a) Character (b) Screen point

(c) Font (d) Pixel

1. When a computer prints a report, it is called

(a) Hard copy (b) Softcopy

(c) COM (d) None of these

1. What do you need for an inkjet printer?

(a) Ink cartridge (b) Drum

(c) Ribbon (d) Laser

1. Liquid Crystal Display (LCD) is used in

(a) Monitors (b) Portable devices

(c) Printers (d) Plotters

1. Which of the following cannot work as an input device?

(a) Keyboard (b) Trackball

(c) Speaker (d) Lightpen

1. A printer uses small bottle of ink. It is a \_\_\_\_\_\_\_\_

(a) Laser printer (b) Line printer

(c) Dot matrix printer (d) None of these

1. Which of the following printers is the fastest?

(a) Laser printer (b) Line printer

(c) Dot matrix printer (d) None of these

1. Which of the following is a reliable and fast storing medium for storing data?

(a) Floppy Disk (b) Magnetic Disk

(c) Magnetic Tape (d) Compact Disk

1. A CD can store \_\_\_\_\_\_\_\_\_\_ of data?

(a) 500 MB (b) 700 MB

(c) 1.44 x 1024 MB (d) None of these

1. The example of sequential access memory is:

(a) Floppy Disk

(b) Hard Disk

(c) Magnetic Tape (d) CD-ROM

1. The thickness of a CD-ROM is \_\_\_\_\_\_\_\_\_\_ mm approx.

(a) 1.22 (b) 1.5

(c) 0.66 (d) None

**ANSWER TRUE OF FALSE :**

1. Monitor gives output on paper.
2. Web camera produces photos on film roll.
3. Scanner is an input device.
4. VDU is an input device.
5. Joystick is an output device.
6. A Floppy disk can store about 700 MB data.
7. A DVD can store 7.7 GB data.
8. Always write with the sharp pen on back of CD.
9. Do not keep floppy at dry, clean and cool place.
10. Hard disk is a fixed data disk.

**MATCH THE FOLLOWING:**

(i) Monitor (i) Typing

(ii) Keyboard (ii) Recording Sound

(iii) Microphone (iii) Showing pictures

(iv) Web Camera (iv) Printing

(v) Printer (v) Photography

(vi) Speaker (vi) Dot Matrix Printer

(vii) Flash Drive (vii) Impact Printer

(viii) TFT (viii) Laser Printer

(ix) Hard Disk (ix) Non Impact Printer

(x) Almost Noiseless Printer (x) Inkjet Printer

(xi) Printing through nozzles (xi) Monitor

(xii) Chain Printer (xii) Fixed Data Disk

(xiii) Inkjet Printer (xiii) Pen drive

(xiv) Printing through

nozzles (xiv) Output device

**VERY SHORT ANSWER TYPES QUESTIONS :**

1. What is CPU ?
2. Write some examples of input unit ?
3. What is ALU ?
4. What is CU ?
5. What is primary storage device ?
6. What is secondary storage device ?
7. The memory is classified in how many types and what are they ?
8. According to functions, processors are of how many types and what are they ?
9. The keys in the keyboard are grouped into how many categories and what are they?
10. Give the example of control keys?
11. Give the example of function keys?
12. How many categories of screen displays are available and what are they?
13. What is the use of web camera?
14. What is the use of scanner?
15. What is printer?
16. What is mouse?
17. What is monitor?
18. Printers are of how many types and what are they?
19. What is impact printer?
20. What is non-impact printer?
21. What is plotter?
22. How many types of plotters are available and what are they?
23. What do you mean by tracks and sector in disks?
24. CD-ROMs are how many forms and what are they?
25. What do you mean by burning of CD?
26. Write the advantage of pen drive?
27. What is smart card?
28. Write the uses of smart card?

**FULL FORMS:**

1. Give full form of following :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | CPU | 11 | EPROM | 21 | MB |
| 2 | ALU | 12 | EEPROM | 22 | GB |
| 3 | CU | 13 | OMR | 23 | TB |
| 4 | RU | 14 | OCR | 24 | CD |
| 5 | PC | 15 | MICR | 25 | CD-R |
| 6 | RAM | 16 | VDU | 26 | CD-RW |
| 7 | ROM | 17 | CRT | 27 | DVD |
| 8 | SRAM | 18 | LCD | 28 | ATM |
| 9 | DRAM | 19 | CPS | 29 | TB |
| 10 | PROM | 20 | KB | 30 |  |

**SHORT NOTES :**

Write short notes of following :

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Input Unit | 23 | Touch Screen |
| 2 | Output Unit | 24 | Scanner |
| 3 | RAM | 25 | Joystick |
| 4 | ROM | 26 | Light pen |
| 5 | SRAM | 27 | Track Ball |
| 6 | DRAM | 28 | VDU |
| 7 | PROM | 29 | Dot Matrix Printer |
| 8 | EPROM | 30 | Line Printer |
| 9 | EEPROM | 31 | Daisy Wheel Printer |
| 10 | Keyboard | 32 | Laser Printer |
| 11 | Mouse | 33 | Thermal Printer |
| 12 | OMR | 34 | Inkjet Printer |
| 13 | OCR | 35 | DVD |
| 14 | MICR | 36 | Zip Drive |
| 15 | BAR CODE READER | 37 | Pen Drive |
| 16 | Digital Camera |  |  |
| 17 | Magnetic Disk |  |  |
| 18 | Magnetic Tape |  |  |
| 19 | Floppy Disk |  |  |
| 20 | Hard Disk |  |  |
| 21 | Microfilm |  |  |
| 22 | CD-ROM |  |  |

**LONG QUESTIONS:**

1. Describe the Basic Computer Organization and working of different components.
2. What is the function of a Communication Bus? Briefly describe the types of Buses used in a computer system.
3. Briefly describe different types of ports used in a computer system.
4. What is a computer register? Briefly describe the types of registers used in a computer system.