

## I. Answer the following questions.

- How are computer used in the field of sports and military.
- List features of a smart phone.
- State the different types of mouse. Explain them.
- Name the types of convergences. Describe any two.
- What do you mean by motherboard?
- Write the full forms- DVD, DRAM PROM, DVD, and MICR.
- Define some places where you find application of touch screen.
- What is a CPU? Explain different parts of CPU.
- Explain various types of keys of keyboard.
- Differentiate between:
  - RAM and ROM
  - Impact and Non-Impact printers.
  - CD and DVD

## II. Choose the correct option.

- Which of the following is an output device?
  - Mouse
  - CPU
  - Joystick
  - VDU
- Which of the following not a part of CPU?
  - MU
  - ALU
  - VDU
  - CU
- Convergence of technologies happened due to \_\_\_\_\_
  - The advent of Internet
  - The lack of time
  - The growing needs
  - The digitalization of content
- The speed of a Dot Matrix printer is measured in \_\_\_\_\_
  - dpi
  - cps
  - bits
  - all of these
- The diameter of the standard CD is \_\_\_\_\_
  - 70mm
  - 80mm
  - 120mm
  - 180mm
- Which of the following cannot be digitized?
  - Sound
  - Music
  - Graphics
  - None of these
- Which is the best example of technological convergences?
  - DVD
  - radio
  - Internet
  - Music system
- Which of the following is not a part of a CPU?
  - MU
  - ALU
  - VDU
  - CU
- The speed of the computer is measured in \_\_\_\_\_
  - MB
  - CB
  - TB
  - MBz
- A commonly used storage device is \_\_\_\_\_
  - RAM
  - ROM
  - Hard disk
  - SRAM

## III. Write true or false.

- There are 2 types of printers. ( )
- In a computer, data is simply a collection of 1s and 0s. ( )
- Scanner is an output device. ( )
- Storage capacity of DVD is more than the capacity of Blue-ray disk. ( )
- RAM and ROM are also called Immediate Access Storage. ( )
- Nibble is a group of 8 bits. ( )
- A bit has colour, size and weight. ( )
- MMS stands for Mobile Media Service. ( )
- Primary memory is used to store large amount of information permanently. ( )
- Light pen is a light sensitive pointing device. ( )

## IV. Give one word Answer.

- Which type of computer do Indian railways use, to interact with the customers for the various online functions like booking, cancellation, showing the current status and so on?
- Rahul is working in the National research centre which predicts natural calamities like earthquake, tsunami etc. Which type of computer is used in this kind of research?
- I am a perfect combination of Analog and Digital computer. I accept analog signals, convert them to digital and process them in digital form. Who am I?
- Cyber Olympiad foundation uses a special device for making objective type questions and calculating scores of candidates. What is that device called?
- Meena wants to create a high quality drawing in a variety of colours. Which device should she use for the same?
- ICICI bank uses an input technology to process large amount of cheques quickly and accurately. Which technology does they use?