

COMPUTER CLASS – VII-A

CHAPTER - 1

Q.1 Tick the correct option.

1. Which input device is used by artists and architects?

Ans. Digitising Tablet

2. Out of the following is not a secondary storage device?

Ans. ROM

3. Which of the following is an impact printer?

Ans. Dot Matrix

4. Which of the following is an output device?

Ans. Monitor

5. Which of the following is not internal hardware?

Ans. Light pen

Q.2 True or False

1. ROM can be defined as a primary memory. **T**
2. Light pen can be used to give the location on the screen. **T**
3. Blu-ray disc can store more data than a DVD. **T**
4. Binary data is converted into readable data by an input device. **F**
5. The quality of an image on the monitor depends upon the number of pixels. **T**

Q1: What is the difference between information and knowledge?

Ans: a collection of raw, unorganised facts is called data. When data is processed, organised and presented in a meaningful manner, it is called information.

Knowledge: refers to the awareness or understanding of a subject, acquired by a person through the study of information. It is this knowledge that helps in creating awareness, drawing conclusions and making critical decisions.

Q2: what comprises of computer hardware?

- Motherboard
- SMPS
- Ports
- Primary memory
- secondary memory

Q3: what is MICR?

Ans: MICR helps banks and other financial institution in maintain safety for monetary transactions.

Q4: what is the difference OCR an OMR?

Ans: Optical character recognition or optical character reader (OCR) is the conversion of images of typed, handwritten or printed text into machine-encoded text.

Optical mark recognition of optical mark reader (OMR) is used to capture human-marked data from document forms, such as surveys and tests.

Q5: name any five output Devices.

- Monitor
- Speakers
- Projector
- Primers
- Braille Printers

Q6: What is the difference between impact and non-impact printers?

Ans: An impact printer has mechanisms resembling those of a typewriter. It forms characters forms characters or images when the printer hammer or wheel strikes against an inked ribbon, leaving an image on paper.

Non-Impact printers, used almost everywhere now, are faster and quieter than impact printers because they have fever moving parts.

Q7: write a note on 'Motherboard'.

Ans: A motherboard is one of the most essentials parts of a computer system as it holds together many of the crucial components of the computer.

Q8: Explain the following types of ports.

- VGA:** VGA ports are used to connect some order types of monitors and projector to a computer.
- USB:** A USB flash drive is a device used for data storage that includes a flash memory and an integrated Universal Serial Bus (USB) interface. Most USB flash drivers are removable and rewritable.
- HDMI:** it is a digital connector that can transfer high definition audios and video. it is used to connect high definition devices such a monitors, HD TVs, gaming consoles, HD cameras etc.

Q9: which is the main secondary storage device? Explain.

Ans: The main secondary storage device on a computer is a Hard Disk. It can store several gigabytes or terabytes of data in the form of files and applications.

Q10: What is software?

Ans: software is a collection of programs used to provide a set of instructions directing the computer on the tasks to be performed and how these tasks are to be performed. Some of the examples of software are operating system, MS Office Suite, Windows defender etc.