

De Nobili School, Chandrapura

Std: 5 Sub : Computer Chapter : 1 Evolution of Computer

A) Fill in the blanks :

- 1) Ans: Abacus.
- 2) Ans: Howard Aiken
- 3) Ans: 1833.
- 4) Ans: Eniac.
- 5) Ans: Ted Holf

B) State True or False:

- 1) Ans : Fasl
- 2) Ans: True
- 3) Ans: False
- 4) Ans: False
- 5) Ans: True

C) Match the following :

Lady Augusta Lovelace

The First

Programmer.

Second Generation Computers Transistors.

Blaise Pascal

Pascaline.

Third Generation Computers

Integrated Circuits.

D) Application Based questions :

- 1) Ans: Keyboard
- 2) Ans: Transistor

E) Multiple choice questions:

- 1) Ans: Fifth

2) Ans: Jacquard's Loom

3) Ans: Accuracy

4) Ans: Machine

**F) Answer the following:**

1) Write any two characteristics of computer.

Ans: The two characteristics of computer as follows :

- a) Speed : Speed is the amount of time taken by the computer in completing the task.
  - b) Accuracy : Computer do not commit errors and are capable of handling complex instructions accurately.
- 2) State the difference between second generation and third generation computers.

Ans: The difference between second generation and third

generation computer are as follows :

Second Generation :

- a) Computer used transistors.
- b) Computer relied on assembly language.
- c) Punched cards and paper tapes were used as input devices.
- d) Computers were faster cheaper, smaller and more efficient eg. IBM 1400, IBM 350 etc.
- e) Magnetic tapes used for storage.

Third Generation:

- a) Computers used integrated circuits.

- b) PASCAL , RPG languages came into use during this time.
  - c) Keyboard were used as an input device.
  - d) Computers were small in size eg. IBM system 360, Apple 1.
  - e) Magnetic disks were used for the storage.
- 3) Write a short note on the device-Abacus.

Ans:Abacus was the first mechanical device for calculations

developed in China. It was made up of a wooden frame

with rods, each having beads. The frame is divided into

two parts- Heaven and Earth. Each rod in Heaven has 2

beads and each rod in Earth has 5 beads. It was used for

addition , subtraction, multiplication and division.

- 4) Mention any two limitations of computer.

Ans:The two limitations of computer are as follows:

Incapability to think : A computer cannot think and take

decisions on its own. In case of any error, it cannot take

an alternative action.

No Intelligence : Unlike human beings , a computer has

no IQ. It needs instructions at every step.

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