



Ch-1 Introduction to Computers (GRADE-6)

1. Why do computers have no intelligence?

Ans: A computer is a machine. It does not possess intelligence of its own. It dependent on the user for performing a task.

2. What do you mean by versatility?

Ans: A computer is capable of performing almost any task, provided the task is reduced to a set of instructions.

3. What is binary number system?

Ans: Binary means composed of two. Binary number system uses only two digits, 0 and 1.

4. Who invented the microprocessor?

Ans: Intel Corporation.

5. What was the time period of third generation computers?

Ans: 1965-1971.

6. Give one example for each of the following:

- Ans: 1. First generation computers: - UNIVAC
2. Second generation computers: - IBM 700
3. Third generation computers: - IBM 360
4. Fourth generation computer: - HP 9000

7. What are the limitations of a computer?

Ans: Limitations of a computer are: -

No Intelligence: - A computer is a machine. It does not possess intelligence of its own.

No Feelings: - A computer does not have feelings or emotions.

8. Define Artificial Intelligence.

Ans: Artificial Intelligence is the technique with which a machine is made to think and take decisions like human beings.

9. List the characteristics of a computer.

Ans: List of the Characteristics of a computer are: -

1. Speed
2. Accuracy
3. Large Memory
4. Diligence
5. Versatility

10. Write any two differences between the first generation computers and the second generation computers.

Ans: **First Generation computers:**

1. They used Vaccum Tubes.
2. They were very expensive.

Second Generation computers:

1. They used electronic devices called Transistors.
2. They were faster and less expensive than first generation computers.