UNIT-I

Introduction To Computers

A Multiple Choice Questions

1) IC stands For -----------------

a)Integrated Chips b)Inter-related Circuits   **c)Integrated Circuits**

2) Computers are classified into _____ generations.

  a)Four **b) five** c) six

3)_____ generation computers used transistors.

a)First   **b) Second** c) Third

4)Use of _____ revolutionized the computer system completely.

  a)ICs   **b) microprocessors** c) vacuum tubes

B.Fill in the blanks

1) A computer does calculations **faster** than human beings.

2) A computer has a **large** memory.

3)A computer never **gets bored or tired**.

4)A computer has no **feelings and no intelligence**.

c.Quiz

1)Who invented the microprocessor?

   Intel Corporation

2)What was the time period of third generation computers?

   1965-1971

D.Very Short Answer Questions

1)Give one example for each of the following:

a) First generation computers **EDVAC**

b) Second generation computers **IBM 700**

c) Third generation computers **IBM 360**

d) Fourth generation computers **HP 9000**

2)Why do computers have no intelligence?

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

3)What do you mean by versatility?

- ✓ A computer does a variety of tasks is called versatility.

E.Short Answer Questions

1)What are the limitations of a computer?

No Intelligence

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

No Feelings

- ✓ A computer does not have feelings or emotions.
- ✓ A computer cannot make judgement and decisions by itself.

2)Define Artificial Intelligence?

- ✓ Artificial Intelligence is the technique with which a machine is made to think and take decisions.

F.Long Answer Questions

1)List the characteristics of a computer.

- ❖ Speed
- ❖ Accuracy
- ❖ Large Memory
- ❖ Diligence
- ❖ Versatility

2)Write any three differences between the first generation computers and the second generation computers.

First Generation Computers:

- ❖ They used **Vacuum tubes**.
- ❖ They were very expensive.
- ❖ They were heavy and large in size.

Second Generation Computers:

- ❖ They used electronic devices called **transistors**.
- ❖ They were smaller in size than first generation computers.
- ❖ They were faster and less expensive than first generation computers.

G.Computer In Everyday Life

Asha was a computer programmer when the second generation computer was commonly used.Which electronic device was used in her computer?

Transitors

H.Value Corner

A computer works very fast with diligence and accuracy.List three good personal qualities you admire in your friend.

> ❖ **Honesty**
> ❖ **Smart Work**
> ❖ **Patience**

H.Value Corner