

CH. 1 COMPUTER GENERATIONS



Let's Write

A. Tick (✓) the correct answer.

- What did the first generation of computers used ?
(i) Transistors (ii) Integrated Circuits
(iii) Vacuum tubes (iv) All
- The second generation of computers started in :
(i) 1995 (ii) 1959
(iii) 1895 (iv) 1859
- What did the second generation of computers used ?
(i) Vacuum tubes (ii) Transistors
(iii) Integrated Circuits (iv) All
- Which of the following is a third generation computer ?
(i) IBM - 360 (ii) IBM 140
(iii) IBM 370 (iv) Robot

- Which of the following is/are features of fourth generation of computers ?
(i) Cheaper (ii) Faster
(iii) Reliable (iv) All
- Which of the following is an example of fifth generation of computers ?
(i) Robot (ii) ICL 1900
(iii) ENIAC (iv) MARK III

B. Write 'T' for true and 'F' for false statements.

- Improving technology resulted in different generations of computers.
- The first generation computers were reliable.
- ENIAC is a first generation computer.
- The second generation computers used assembly language instead of machine language.
- IBM 140 is a third generation computer.
- The third generation computers produced a lot of heat.
- Nowadays, fourth generation computers are used.
- The fifth generation computers will take their decision themselves.

T
F
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T

C. Answer the following questions:- (Page 10)

1. Define generations.

Ans. Generation means age group. There are different generations according to years of evolution.

2. How many computer generations are there?

Ans. There are five computer generations.

3. Write any two features of the following generation of computers.

Ans. (i) **First:**

- (a) They used vacuum tubes.
- (b) Their speed was very slow.

(ii) **Second:**

- (a) They used transistors
- (b) Their cost was less than first generation computers.

(iii) **Third:**

- (a) They used integrated circuits.
- (b) Their speed was higher.

(iv) **Fourth:**

- (a) They used micro-processors.
- (b) They were accurate and reliable.

(v) **Fifth:**

- (a) They use artificial intelligence.
- (b) They could respond to human language.

4. Write any one example of each generation of computer.

Ans.	I st Gen. –	ENIAC
	II nd Gen –	MARK III
	III rd Gen –	IBM 360
	IV th Gen. –	Intel 4004
	V th Gen. –	ROBOT

5. Which generation of computers will be used in future?

Ans. The fifth generation of computers will be used in the future as they can make their own decisions.

6. Define Artificial Intelligence.

Ans. Artificial Intelligence means computers can take their own decisions like humans and can respond to human language.