Ch.1   Computers - Past and Present

A. Tick (✓) the correct statement and Cross (x) out the wrong one.

1. A computer can perform a variety of different task. ☐

2. Fourth generation of computers use microprocessor ☐

3. Wearable gadgets can ot only be worm on hand. ☐

4. Integrated Circuits are made up of micro-Processors. ☐

5. UNIVAC is an examples of fourth generation of computers. ☐

B. Fill in the blanks using the words given below.

VLSI , Microprocessor , UNIVAC , Artificial Intelligence

1. (UNIVAC) is an example of first generation of computer.

2. (Microprocessor) were used in fourth generation of computer.

3. (Artificial Intelligence) is the branch of computer science that deals with making the computers think and take decisions like human beings.

4. Microprocessors were/are developed by combining together thousands of integrated circuits onto a single silicon chip using (VLSI) technique.

C Answer the following questions.

1 Differentiate between second generation of computers and fourth generation of computers.

Ans – The difference between second generation of computers and fourth generation of computers are (i) Second generation of computers used Transistor and fourth generation of computers used Microprocessor.
(ii) Fourth generation computers were made Powerful, compact, reliable and cheaper than second generation of computers.

2. What are the advantage of fifth generation of computers?

Ans – The advantage of fifth generation of comput will be that that they will be able to understand natural language and will be able to respond to their surroundings using different types of sensors.

3. What are wearable gadget? Name any two wearable gadgets.

Ans – Wearable gadgets are computers that can be worm on hand, huge around the neck or worm as a piece of Jewellery.

Name any two wearable gadgets are
(i) Fitness Trackers
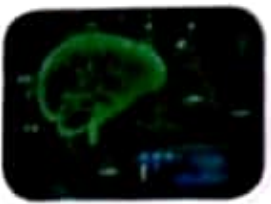(ii) Smart Watches

4. What are the limitations of computers?

Ans – The limitations of computers are –
(i) Zero IQ (Intelligence Quotient)
(ii) Lack of decision-making power
(iii) No Heuristics

Match the following component/feature with the generation in which they were/are used.

Generation of Computer	Component Used
First	Transistors
Second	Microprocessor
Third	Artificial Intelligence
Fourth	Vacuum tubes
Fifth	Integrated Circuits