

Q-3 Write True or False.

1. The Abacus was used mainly for calculations True
2. Charles Babbage is known as the Father of the Computer. True
3. Modern computers are smaller, faster, and more powerful than old computers. True
4. Computer technology has improved with every new generation. True
5. First-generation computers were small and portable. False
6. Ada Lovelace is known as the first computer programmer. True

Q-4 Application Based Questions:

1. Riya visited a computer museum. She saw a very large computer that used vacuum tubes and produced a lot of heat.

Ans: First Generation Computer.

2. Your school has received new computers that are smaller, faster, and use AI features. Which generation of computer did the school receive?

Ans: Fifth Generation Computer.

3. A teacher shows students a wooden frame with beads used for counting. What is the name of this device?

Ans: Abacus.

4. Many years ago, the government wanted to count the population quickly. A machine using punched cards was used. Name the machine.

Ans: Tabulating Machine developed by Herman Hollerith.

5. If you could travel back in time, would you prefer to use a first-generation computer or a modern computer?

Ans: Modern Computer [faster/smaller/easier to use].

6. Imagine you are a computer designer. Mention two improvements you would like to see in future computers.

Ans: Faster speed, holographic display, better AI, Eco-friendly, longer battery life.

7. If you had to choose between a first-generation computer and a modern laptop for school work, which one would you choose? Give two reasons.

Ans: Modern Laptop

Reason: Portable, faster, more storage capacity, Internet Access, Longer battery life.

8. Write the technology used in the following Generations computers.

Generations	Technology
1 st Generation	Vacuum Tubes
2 nd Generation	Transistors
3 rd Generation	IC [Integrated Circuit]
4 th Generation	Microprocessor
5 th Generation	AI [Artificial Intelligence]