



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PERIODIC TEST I : 2026-27 INFORMATION TECHNOLOGY - SET 1

Class: VI

Time : 1 hr.

Date: ____-06-2026

Max Marks: 25

Admission No.

ANSWER SCHEME

Roll No. :.....

Section A

Q1. Tick the correct answers

(6 x 1 = 6)

- I. Which devices store the data in the computer? **(c) Storage Device,.**
- II. Which device is specifically helpful for playing computer games? **(b) Joystick.**
- III. Which flowchart symbol is used to represent an input operation like "Read A"? **(c) Parallelogram.**
- IV. What is a major disadvantage of using an algorithm? **(b) It is time-consuming.**
- V. Who is known as one of the founders of Artificial Intelligence and coined the term? **(b) John McCarthy.**
- VI. Which of the following is an example of AI you might use to unlock a smartphone? **(b) Face ID.**

Q2. State True or False

(5 x 1 = 5)

- a) **False.** Software refers to programs; **hardware** refers to the physical parts you can touch.
- b) **True.** An "Interpersonal" person is good at understanding others' feelings,.
- c) **True.** AI lack common sense and must be taught through examples.
- d) **False.** Intelligence involves various mental activities, not just school grades.
- e) **True.** A Plotter is used for high-quality graphics on large sheets.

Q3. Assertion and Reason

(4 x 1=4)

- i. **(a)** Both Assertion (A) and Reason (R) are true, and R is the correct explanation of A.
- ii. **(a)** Both Assertion (A) and Reason (R) are true, and R is the correct explanation of A.
- iii. **(b)** Both Assertion (A) and Reason (R) are true, but R is **not** the correct explanation of A (Diligence refers to lack of tiredness, not storage capacity).
- iv. **(a)** Both Assertion (A) and Reason (R) are true, and R is the correct explanation of A.

Section B

Q4. Write the answer in short

(2 x 2 = 4)

- **a) Internet of Things (IoT):** It is a network of physical objects like cars and appliances that exchange data in real-time. It works using **embedded sensors** to communicate with the cloud and other devices over the internet.
- **b) Joystick vs. Mouse:** A **Joystick** is specifically helpful for **playing computer games**. While both are pointing devices, a mouse is used for general navigation, whereas a joystick consists of a stick that pivots to control movement in gaming environments,.

Section C

Q5. Do as directed

(3 x 2 = 6)

- **i. Flowchart Symbols,:**
 - **a) Oval/Eclipse:** Represents **Start/Stop** (Terminal).
 - **b) Diamond:** Represents **Decision** (Condition).
 - **c) Parallelogram:** Represents **Input/Output** (e.g., Read A).
- **ii. Three Characteristics of a Computer:**
 1. **Diligence:** It never needs rest or breaks and does not suffer from lack of concentration.
 2. **Storage:** It has a massive capacity for saving and retrieving data.
 3. **Speed:** It can execute tasks and process data much faster than a human.