



# B.K. BIRLA CENTRE FOR EDUCATION

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

PERIODIC TEST I: 2026-27

## ARTIFICIAL INTELLIGENCE – SET 1

Class: VI

Time : 1 hr.

Date: \_\_-06-2026

Max Marks: 25

### General Instructions:

Try to attempt all questions in the given order.

All questions are compulsory.

The Question Paper is divided into three sections Section A to C.

- Section A has 15 questions and carry 1 mark each.
- Section B has 2 questions and carry 2 marks each.
- Section C has 2 question and carry 3 marks each.

### Section A

#### Q1. Write the correct answer:

(6 x 1 = 6)

- Which devices stores the data in the computer?**  
a) Output Device      b) Input Device      c) Storage Device      d) Process Device
- Which device is specifically helpful for playing computer games?**  
a) Light Pen      b) Joystick      c) Plotter      d) Printer
- Which flowchart symbol is used to represent an input operation like "Read A"?**  
(a) Rectangle      b) Diamond      c) Parallelogram      d) Eclipse
- What is a major disadvantage of using an algorithm?**  
a) It is difficult to understand      b) It is time-consuming  
c) It is dependent on programming languages      d) Algorithm is logical
- Who is known as one of the founders of Artificial Intelligence and coined the term?**  
a) Albert Einstein      b) John McCarthy      c) Isaac Newton      d) Thomas Edison
- Which of the following is an example of AI you might use to unlock a smartphone?**  
a) Music Smart      b) Face ID      c) Online Shopping      d) Video Games

**Q2. State True or False for the following statements (5 x 1 = 5)**

- a) Software refers to the physical parts of a computer that you can touch.
- b) A person who is "Interpersonal" or "People Smart" is good at understanding others' feelings.
- c) Unlike humans, an AI does not have common sense and must be taught everything through examples.
- d) Intelligence is strictly about getting good grades in school subjects like math.
- e) A Plotter is a hardware device used for printing high-quality graphics on large sheets of paper

**Q3. For each question, choose the correct option from the following: (4 x 1=4)**

- (a) Both Assertion (A) and Reason (R) are true, and R is the correct explanation of A.
  - (b) Both Assertion (A) and Reason (R) are true, but R is NOT the correct explanation of A.
  - (c) Assertion (A) is true, but Reason (R) is false.
  - (d) Assertion (A) is false, but Reason (R) is true.
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- i. **Assertion (A):** An algorithm for a specific problem can be written once and then implemented in many different programming languages.  
**Reason (R):** One of the key characteristics of an algorithm is that it is independent, meaning it contains step-by-step directions that do not rely on any specific programming code
  - ii. **Assertion (A):** Pseudocode is often easier for a programmer to modify and develop than a flowchart.  
**Reason (R):** Pseudocode is an informal way of describing a program's logic using natural language without the need for strict syntax or complex graphical symbols
  - iii. **Assertion (A):** A computer is described as being diligent.  
**Reason (R):** Computers have a large storage capacity that allows them to save large amounts of data
  - iv. **Assertion (A):** Computers are often used for massive data storage and retrieval tasks instead of humans.  
**Reason (R):** A computer can store significantly more data than a human and can execute tasks much faster because it never needs rest or breaks

**Section B**

**Q4. Write the answer in short. (2 x 2 = 4)**

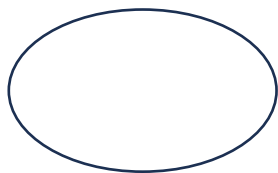
- a) What is the Internet of Things and how does it work?
- b) How is Joystick different than Mouse?

**Section C**

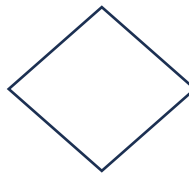
**Q5. Do as directed. (3 x 2 = 6)**

- i. **Identify the following symbol of flowchart and write its meaning:**

a)



b)



c)



- ii. **Write any three characteristics of a Computer.**

\*\*\*\*\* ALL THE BEST \*\*\*\*\*