



B.K. BIRLA CENTRE FOR EDUCATION

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



**PERIODIC TEST-I : 2025-26
ARTIFICIAL INTELLIGENCE**

Class: VI

Date: 05-07-2025

Admission No.

Time : 1 hr.

Max Marks: 25

Roll No. :.....

I. Multiple Choice Questions :

(8 X 1 = 8)

(1) Which of the following is an input device ?

- (a) Scanner (b) Printer (c) Speakers (d) Plotter

(2) Monitor is also known as the

- (a) Visual Display Unit (b) Virtual Display Unit
(c) Video Data Unit (d) Virtual Data Unit

(3) consists of the physical parts of a computer device.

- (a) Software (b) Hardware (c) Instruction (d) None of the above

(4) Which of the following is a pictorial representation of an algorithm ?

- (a) Pseudocode (b) Program (c) Flowchart (d) Algorithm

(5) Kite/Diamond shaped box in a flowchart is used for :

- (a) Decision (b) Input (c) Output (d) Process

(6) Which one of the following is not a characteristics of a good algorithm ?

- (a) Finiteness (b) Effectiveness (c) Ambiguity (d) Feasibility

(7) An algorithm is a set of step by step

- (a) Skills (b) Formulae (c) Instructions (d) All of these

(8) In a flowchart, a calculation (process) is represented by :

- (a) A rectangle (b) A rhombus (c) A Parallelogram (d) A circle

II. Classify the inputs and outputs from the below mentioned list for growing a fruit tree from a seed.

(3 X 1 = 3)

- (i) Water (ii) Sunshine (iii) Fruit

III. Short Answer Type Questions :

(4 X 2 = 8)

(1) Explain the IPO cycle with diagram.

(2) Explain any two characteristics of a computer.

(3) Explain an algorithm using an example.

(4) Draw Flowchart to find the sum of two numbers.

IV. Long Answer Type Questions :

(2 X 3 = 6)

(1) Write the use of the following devices :

- (a) Webcam (b) Microphone (c) Digital camera

(2) Differentiate between an Algorithm and Flowchart.

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