B.K. BIRLA CENTRE FOR EDUCATION

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

PRE MID TERM : 2025-26
ARTIFICIAL INTELLIGENCE

Class: VI   **Time : 1 hr.**
Date: 01-08-2025   **Max Marks: 25**
Admission No. …………………   **Roll No. :………..**

I. Multiple Choice Questions :   (6 X 1 = 6)

(1) Which of the following animals is known to be able to mimic human words ?
    (a) Dolphins   (b) Tiger   (c) Dogs   (d) Parrots

(2) Due to which of these abilities has human beings emerged as the dominant species on earth ?
    (a) great strength   (b) great speed   (c) great size   (d) high intelligence

(3) Which of the following is not related to intelligence ?
    (a) It lets us to solve problems, understand concepts and act purposefully
    (b) It allows us to imagine and use our experience in life to solve problems
    (c) It allows us to be creative and create objects and concepts of beauty and originallity
    (d) It helps us to act violently and wage Wars

(4) Which of the following activities involves the use of AI Technology ?
    (a) sorting of emails into folders based on content
    (b) booting up the computer
    (c) adding up numbers using a calculator
    (d) changing coloured photographs into black and white

(5) Which of the following is not true about AI ?
    (a) the use of AI allows business owners to earn more money
    (b) AI can replace humans in clerical are repetitive tasks
    (c) John McCarthy coined the term Artificial Intelligence
    (d) Development of AI systems have started only in last 10 years

(6) Which of the following is not a sign of Intelligence ?
    (a) solve problems   (b) creating a poem   (c) writing an original story   (d) Taking bath

II. State True/False :   (3 X 1 = 3)

(1) Driverless cars are the next big thing in the automobile space.
(2) Deep Blue, a chess playing computer was developed by Microsoft.
(3) Roomba is an autonomous robot vacuum cleaner that cleans while avoiding obstacles.

III. Fill in the blanks :   (3 X 1 = 3)

(1) A robot called ………………… is known as the first robot citizen.
(2) ……………… was known as the first electronic person.
(3) An artificially intelligent robot called ASIMO was released by………………

IV. Short Answer Type Questions :   **(4 X 2 = 8)**

(1) Give any four examples of display of Intelligence in the animal world i.e. apart from humans.

(2) Define : (a) Human Intelligence   (b) Artificial Intelligence

(3) Define AI Winter.

(4) Describe the following :

   (a) Alexa   (b) Apple's Siri

V. Long Answer Type Questions :   **(2 X 2.5 = 5)**

(1) Write and explain any three features of Intelligence.

(2) Write a brief note on "Sophia" a humanoid robot.

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