



B.K. BIRLA CENTRE FOR EDUCATION

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



PERIODIC TEST 2025-26

ARTIFICIAL INTELLIGENCE (417)

Class : IX
Date : 02-07-2025
Admission No.:

Duration : 1 Hrs
Max. Marks : 25
Roll No.:

General Instructions:

Try to attempt all questions as per given order.

All questions are compulsory.

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

- Section A has 11 questions attempt 11 and carry 1 mark each.
- Section B has 6 questions attempt only 4 and carry 2 marks each.
- Section C has 4 questions attempt only 2 and carry 3 marks each.

Section-A

1. Which of the following is NOT a type of communication? 1
A. Verbal B. Non-verbal
C. Written D. Imaginary
2. Which of the following is NOT one of the 3 P's of public speaking? 1
A. Prepare B. Practice
C. Perform D. Punish
3. Which article correctly completes the sentence: "I saw ____ elephant at the zoo." 1
A. a B. an
C. the D. no article
4. Which of these is a sign of effective communication? 1
A. Only one person speaks
B. Message is clearly understood
C. No response from listener
D. Speaking louder than others
5. Which of the following best defines Artificial Intelligence (AI)? 1
A. Machines that are faster than humans
B. Making machines perform tasks that require human intelligence
C. Writing computer programs only
D. Machines replacing all humans
6. Which of the following is NOT a type of AI? 1
A. Narrow AI
B. General AI
C. Emotional AI
D. Super AI

- 21 A group of students is working on an AI project to help reduce food waste in their school canteen. They plan to collect daily data on leftover food, analyze it to find patterns, and then suggest how much food should be prepared in future. They aim to develop a simple app that gives daily predictions. 3
- Based on the above project answer the following questions:
1. Identify and explain any two stages of the AI Project Cycle used by the students.
 2. Why is problem scoping important before collecting data?
 3. What kind of data will be useful in this project?

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