



B.K. BIRLA CENTRE FOR EDUCATION

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



PERIODIC TEST 2025-26

ARTIFICIAL INTELLIGENCE

Class : VIII

Date : 07-07-2025

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 & carry 1 mark each.
- Section B has 4 questions & carry 2 marks each.
- Section C has 2 questions & 2 and carry 3 marks each.

Section-A

Fill in the blanks with suitable words:

1x11

(Supervised learning, Unlabelled, Machine learning, Ethics, Harm, Female Pedestrian, Surgical robot, Thinking about you, Deep Fake, Reinforcement learning, Biased AI)

1. Grouping customers with similar buying habits together is the example of _____.
2. _____ algorithms can figure out how to perform important tasks by generalizing from examples.
3. _____ is a feedback-based machine learning technique in which an agent learns from environment.
4. In unsupervised learning the model is handed an _____ dataset.
5. _____ is defined as the moral principles governing the behaviour or actions of an individual or a group.
6. _____ is caused in an AI system when a prediction or end outcome negatively impacts an individual's ability to establish their rightful identity.
7. Tay is an AI Chatter bot named "Tay" after the acronym _____.
8. _____ are AI generated video or audio content with an intent to deceive.
9. _____ can reinforce harmful stereotypes and put women, minorities and other social groups at risk.
10. _____ at a hospital in Philadelphia malfunctioned during prostate surgery.
11. An Uber self-driving SUV struck and killed a _____ in Tempe, Arizona.

SECTION - B

Short Questions :

2x4

1. What is Machine Learning?
2. What are some real-world applications of machine learning?
3. Give two examples where AI is being used for good.
4. Which are the basic requirements that an AI program should fulfill?

SECTION – C

Long Questions:

3x2

1. Differentiate between AI (Artificial Intelligence) and ML (Machine Learning)
2. Write any three AI Ethics.

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