



B.K. BIRLA CENTRE FOR EDUCATION

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



PRE MID TEST 2026-27

A.I. – SET – 1 (QUESTION PAPER)

Class : VII

Date :

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 4 questions attempt 4 and carry 2 marks each.
 - Section C has 2 questions attempt 2 and carry 3 marks each.
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SECTION – A

Q1. Choose the correct answer from the given options

(7x1 =7)

1. What are Ethics?

- (a) A set of laws enforced by the government.
- (b) Rules for making money.
- (c) A set of rules or principles that guide us to know what's right and wrong.
- (d) Guidelines for programming computers

2. What is AI Bias?

- (a) When an AI system becomes self-aware.
- (b) When an AI system makes unfair or incorrect judgments due to incomplete or unbalanced training data.
- (c) When an AI system prioritizes its own goals.
- (d) When an AI intentionally tries to deceive users.

3. What are natural resources?.

- (a) Things created by humans for industrial use.

- (b) Materials and components that exist in the natural environment and are used to support life and meet human needs.
 - (c) Products that are exclusively for economic development.
 - (d) Resources that are always limitless and replenish quickly.
4. Which of the following is NOT created by humans but is found in nature, making it a natural resource?
- (a) Houses (b) Cars (c) Air (d) Paper
5. Natural resources are broadly classified into which two main categories?
- (a) Useful and Consumable (b) Managed and Unmanaged
- (c) Renewable and Non-Renewable (d) Economic and Environmental
6. All of the following are examples of renewable resources EXCEPT:
- (a) Sunlight (b) Wind (c) Petroleum (Oil) (d) Geothermal Energy
7. How many global goals are included in the Sustainable Development Goals (SDGs)?
- (a) 10 (b) 15 (c) 17 (d) 20

Q2. ASSERTION REASONING QUESTIONS.

(4x1=4)

In the questions given below, each question has two statements, marked as Assertion and Reason. Read the statements carefully and choose the correct option. (

- a) Both assertion and reason are true, and the reason is the correct explanation for the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation for the assertion.
- (c) The assertion is true, but the reason is false.
- (d) The assertion is false, but the reason is true.
- (e) Both assertion and reason are false.

1. Assertion (A): AI bias often leads to unfair or incorrect judgments by artificial intelligence systems. **Reason (R):** AI bias occurs because the data used to train the AI is frequently "complete, balanced, or do not reflects existing stereotypes."

2. Assertion (A): Deepfake videos "challenge our trust in what we see and hear every day." **Reason (R):** Deepfakes cannot be used to create fake videos of influential people saying things they never said, spreading misinformation, and

cannot also "seriously harm a person's reputation" by making them appear to do or say wrong things.

3. Assertion (A): The Amazon AI hiring tool was found to be biased against women, consistently choosing men over women for jobs. **Reason (R):** The AI learned by looking at past hiring data where most of the top performers in the company were men, leading it to "penalize resumes that included the word 'women's'."

4. Assertion (A): In a self-driving car scenario where the car must choose between hitting a boy or crashing into a pole, the car's decision reflects the "morality of the developer." **Reason (R):** The developer of the car goes through such ethical dilemmas while creating the car's algorithm, and what they prioritize as "right" will have a higher priority and be the selection made by the machine.

SECTION – B:

Short Answer Questions

(2x4 =8)

Q3. Explain the two main factors for which AI bias happens?

Q4. Explain any two real-world examples of AI "gone wrong."

Q5. What are fossil fuels? Explain with 2 Examples.

Q6. Explain two examples of non-renewable energy sources.

SECTION – C:

Long Answer Questions

(3x2 =6)

Q7. What is Deepfake technology? Give two clues that can help you spot a deepfake video

Q8. Differentiate between renewable and non-renewable natural resources. Give 2 examples of each.

******* END OF QUESTION PAPER – SET 1 – ALL THE BEST *******