



# B.K. BIRLA CENTRE FOR EDUCATION

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

PRE-MIDTERM 2025-26

ENGLISH

Class: X

Date: 04.08.25

Admission no:

Time: 1hr

Max Marks: 25

Roll no:

## General Instructions:

1. The question paper contains THREE sections-READING, GRAMMAR & WRITING and LITERATURE.
2. Attempt questions based on specific instructions for each part.

## SECTION - A READING

(7 Marks)

### I. Read the following passage and answer the questions given below:

1. Artificial intelligence (AI) in healthcare is a ground-breaking paradigm, redefining how medical care is delivered and accessed. Its rise, accelerated by advancements in machine learning in the early 21st century, was catalysed by global initiatives like the 2016 World Health Organization's push for technology-driven health equity. By integrating AI into diagnostics, treatment planning, and patient care, healthcare systems are becoming more precise, efficient, and inclusive, addressing challenges like resource scarcity and aging populations.
2. AI's core strength lies in its ability to process vast datasets, enabling early and accurate diagnoses. Machine learning algorithms analyse medical imaging, such as MRIs, to detect anomalies like tumours with superhuman precision. Beyond diagnostics, AI personalizes treatment plans by predicting patient responses based on genetic and historical data. For instance, IBM's Watson Health has been used to tailor cancer therapies, improving patient outcomes while reducing costs, thus bridging gaps in access to specialized care.
3. In the digital era, AI enhances healthcare accessibility through telemedicine and wearable devices. AI-powered chatbots triage symptoms for remote patients, while wearables like smartwatches monitor vital signs in real time, alerting doctors to irregularities. These tools empower patients in underserved areas, such as rural India, where AI-driven mobile apps provide health advice in multiple languages. This democratization of care ensures that quality healthcare transcends geographical and economic barriers.
4. Ethical considerations are central to AI's integration into healthcare. Transparent algorithms and data privacy safeguards are critical to maintaining patient trust. Healthcare professionals, trained to collaborate with AI systems, act as stewards of this technology, ensuring it complements rather than replaces human judgment. In pilot programs, like those in Sweden, AI-assisted surgeries have improved precision while preserving the surgeon's oversight, fostering a balanced synergy.
5. The COVID-19 pandemic highlighted AI's transformative potential. AI models predicted virus spread, optimized hospital resource allocation, and accelerated vaccine development by analyzing molecular structures. However, challenges like biased datasets and high implementation costs persist, particularly in low-resource settings. Despite these hurdles, AI's adaptability signals a future where healthcare is more equitable and responsive to global needs.

### Answer the following questions

#### i. Artificial intelligence in healthcare is a ground-breaking paradigm... (Paragraph 1)

Why would the author describe AI in healthcare as a "ground-breaking paradigm"?

A. Because it focuses only on traditional medical practices

- B. Because it fundamentally changes healthcare delivery and accessibility
- C. Because it is a costly and experimental technology
- D. Because it is limited to administrative tasks

**ii. Refer to the following from Paragraph 1:**

*2016 World Health Organization's push for technology-driven health equity*

Which option most likely explains the significance of this WHO initiative?

- A. It funded AI development for hospitals globally.
- B. It promoted technology to improve healthcare access and equity.
- C. It focused on training doctors without technology.
- D. It prioritized urban healthcare over rural needs.

**iii. AI's core strength lies in its ability to process vast datasets... (Paragraph 2)**

Which of these options uses the same literary device as the line above?

- A. This technology is a lighthouse for medical innovation!
- B. These algorithms are as precise as a surgeon's scalpel.
- C. AI requires careful implementation in hospitals.
- D. The new system was installed last month.

**iv. The author states, "AI personalizes treatment plans by predicting patient responses..." (Paragraph 2).**

State one way AI could personalize treatment plans for patients.

**v. Provide one example of how AI enhances healthcare accessibility, based on Paragraph 3.**

**vi. Complete the following with a phrase from Paragraph 4:**

Phrase | Meaning

..... | ensures AI complements human judgment

**vii. Healthcare professionals, trained to collaborate with AI systems, act as stewards... (Para. 4)**

Which of these best describes the tone of the above line?

- A. Cautious
- B. Optimistic
- C. Dismissive
- D. Neutral

**SECTION B- WRITING & GRAMMAR (8 Marks)**

**II.** Write an email to the principal of your school requesting permission to organize a book donation drive for underprivileged students in your community. Include details about the purpose of the drive, the proposed date and time, and how it will benefit the community. Ensure the tone is polite and formal. **1x4=4**

**III.** Write a descriptive essay on the topic "A Memorable Evening at a Local Festival." Describe the sights, sounds, and feelings associated with the festival, capturing the mood and atmosphere. Include vivid details to bring the scene to life. **1x3=3**

**IV.** The following passage has one word omitted in each line. Identify the place where a word is missing and write the omitted word against the correct blank number. **1x4=4**

	Before	Omission	After
Music a powerful way to express emotions.		a)	
It brings people and creates lasting memories.		b)	
Listening music can reduce stress and anxiety.		c)	
Many enjoy playing instruments singing to unwind.		d)	

**SECTION C – LITERATURE (7 Marks)**

V. Attempt **ANY TWO** of the four questions given below, within 30-40 words each.

**2x2 = 4**

1. What is the significance of Coachman Ali's daily visits to the post office in "The Letter"? Support your answer with one detail from the story.
2. What does the inscription on Ozymandias's statue reveal about his character in the poem "Ozymandias"?
3. What role does Lavinia's reaction to the ghost Helen play in resolving the conflict in "A Shady Plot"?

VI. Attempt **ANY ONE** of the questions given below.

**1x3=3**

1. Compare and contrast the use of irony in "Ozymandias" and "The Letter" to convey their central messages.
2. How does Elsie Brown use humour in "A Shady Plot" to explore the conflict between creativity and external pressures?