

01.07.25✓



Delhi Public School, Howrah

PERIODIC TEST - I (2025-26)

Class- XI

Care must be taken not to write anything on the question paper. All the questions must be attempted in the correct sequence.

SUBJECT: ENGLISH CORE (CODE - 301)

Time- 3 Hours

Maximum Marks- 80

General instructions:

1. The Question Paper contains THREE sections- Section A - (READING), Section B- (WRITING) and Section C (LITERATURE).
2. Attempt questions based on specific instructions for each part.
3. Separate instructions are given with each section and question, wherever necessary. Read these instructions and follow them.
4. Do not exceed the prescribed word limit while answering the questions.

Q. No.	SECTION A- READING	26
1.	Read the following passage and answer the questions that follow:	10
(1)	The story of Formula 1, the highest class of international racing for open-wheel single-seater formula racing cars, begins with Bernie Ecclestone. Between the 1940s and 1970s, U.K.-born Ecclestone was involved with motorsport first as a driver, then as a manager of drivers, and finally as a team owner. During much of the 1960s, he took a break from the sport and sold used motorcycles and cars before returning to motorsport racing as a much wealthier man.	
(2)	Ecclestone's involvement with the sport went in a different direction in the early 1980s. At the time, television coverage of the races was unpredictable. Races could be cancelled at the last minute if there weren't enough cars to fill the grid. Seeing a potentially lucrative commercial opportunity, in 1981, Ecclestone convinced the teams to sign the Concorde Agreement, which committed them to participate in every race. With this commitment, Ecclestone was able to convince television broadcasters to cover all races. In 1995, FIA (Fédération Internationale de l'Automobile or International Automobile Federation) awarded Ecclestone ownership of F1's commercial rights, beginning in 1997 for a period of 14 years, through his personal investment vehicle FOCA, which later became Formula 1. Financial problems forced Ecclestone to sell his shares, and in 2006 Luxembourg-based private equity firm CVC (capital partners) paid \$2 billion for a majority stake in Formula 1.	
(3)	While no longer its owner, Ecclestone continued to run the organisation. In leading Formula 1, he was known for his tight control over the sport. He was a consummate dealmaker. During his tenure, Ecclestone was successful in bringing F1 races to television audiences around the world, as well as expanding the sport into emerging markets. There were certain areas of the business, however, that he was less concerned about. For example, he did not see the value in digital technology or younger fans. As he stated in a 2014 interview, "I don't know why people want to get the so-called 'young generation'.... Is it to sell them something? Most of these kids haven't got any money. I'd rather get the 70-year-old guy who's got plenty of cash." Ecclestone's decision-making style was chaotic and opaque. Relationships with promoters, sponsors, and teams were often fractious, and there was little trust. In 2016, U.S.-based Liberty Media, owner of the Atlanta Braves baseball team and streaming music provider SiriusXM, purchased Formula 1 from CVC for \$4.6 billion.	

	Formula 1's new leadership team was looking to evolve F1 from a motorsport to a global entertainment brand, much like other sports had, such as the NBA (National Basketball Association).	
	Answer the following questions, based on the passage above.	
i.	<i>"Seeing a potentially lucrative commercial opportunity..."</i> What does the word "lucrative" most likely mean as used in the context? A. Uncertain B. Profitable C. Ordinary D. Temporary	1
ii.	Which of the options most closely resembles the given analogy? Concorde Agreement : Team Participation :: A. Lockdown : Virus B. Contract : Obligation C. Traffic : Accident D. Game : Rules	1
iii.	In what year did Bernie Ecclestone first secure ownership of Formula 1's commercial rights, and through which entity did he operate them? A. 1981, through Liberty Media B. 1995, through FOCA C. 2006, through CVC D. 2016, through FIA	1
iv.	What can you infer about Bernie Ecclestone's leadership style in managing Formula 1 from the passage? A. He believed in collaborative decision-making. B. He focused mainly on short-term profits rather than long-term growth. C. He valued transparency and open communication. D. He prioritised attracting a younger fanbase for future growth.	1
v.	Which of the following would be the most effective strategy to attract Gen Z audiences to Formula 1? A. Increase ticket prices to target premium segments B. Avoid social media and focus on traditional TV ads C. Partner with influencers and create interactive digital content D. Focus only on long-time fans aged 50+	1
vi.	Choose the correct combination from the following statements that explains Bernie Ecclestone's character as supported by the passage. 1- He expanded Formula 1 into new, emerging markets. 2- He placed high importance on digital technology and young fans. 3- He successfully secured consistent television coverage for F1 races. 4- His leadership style built strong trust among promoters, sponsors, and teams. A. Only 1 and 3 B. Only 2 and 4 C. 1, 2, and 3 D. 1 but not 4	1
vii.	According to the passage, how did Liberty Media's approach to managing Formula 1 differ from Ecclestone's?	2
viii.	How does the rise of digital media change the way fans experience sports today compared to Ecclestone's time? Give any two points to illustrate your answer.	2
2.	Read the following passage and answer the questions that follow:	8
(1)	Blockchain technology has attracted considerable interest since it was first introduced in 2008, mainly because of its function in supporting cryptocurrencies such as Bitcoin. However, its decentralized, transparent, and secure features have encouraged researchers to explore its potential in other sectors, including healthcare. Various studies highlight blockchain's ability to improve data management, reduce	
Page 2 of 9		

	fraud, and enhance patient privacy. Early research focused on the feasibility of storing electronic health records (EHRs) on blockchain networks.																						
(2)	Studies have examined how blockchain can facilitate secure health information exchange across different providers and regions. It has also been seen as a solution to the problem of fragmented medical records. According to research, blockchain can improve patient-centric care by enabling individuals to control access to their health data. Further investigations have also focused on using blockchain in clinical trials to ensure transparency and prevent data tampering. Some literature highlights blockchain's role in pharmaceutical supply chains, where it can track the journey of drugs from manufacturer to consumer.																						
(3)	A comprehensive literature review was conducted to analyze existing frameworks and technologies. Comparative analysis was used to evaluate the benefits and limitations of blockchain implementations in healthcare systems. The proposed system architecture is based on a decentralised blockchain network that facilitates secure sharing and management of electronic health records (EHRs). It includes components like: a) Blockchain Network – A decentralized and distributed ledger that records transactions related to healthcare data securely and immutably. b) Electronic Health Records (EHRs) – Digitized patient records that are securely managed and shared across the blockchain system. c) Smart Contracts – Self-executing programs that automate processes such as consent management, data access control, and authorization. d) Patient Nodes – Interfaces or platforms through which patients can view, control, and grant access to their personal health information. e) Healthcare Provider Nodes – Authorized medical institutions or professionals who can access, update, and verify patient data through secure channels. f) Off-chain Storage – External data storage systems used to store large medical files (e.g., scans, images), with links and hashes stored on the blockchain for integrity verification.																						
(4)	Given below is the blockchain-based Healthcare Data Management Algorithm: <table border="1"> <thead> <tr> <th>Step</th><th>Algorithm Phase</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Consortium Initialization</td><td>Formation of a consortium including hospitals, administrators, doctors, and technology providers to ensure shared control and trust in the blockchain network.</td></tr> <tr> <td>2</td><td>Node Configuration and Security Setup</td><td>Each institution configures its own blockchain node, sets permissions, chooses consensus mechanisms (e.g., Proof of Authority), and implements security protocols for secure, decentralized data handling.</td></tr> <tr> <td>3</td><td>User Interface and Access Management</td><td>Development of secure login interfaces with role-based access control for doctors, admins, and receptionists, allowing users to access only the data they are authorized for, preserving patient confidentiality.</td></tr> <tr> <td>4</td><td>Data Input and Encryption</td><td>Authorized personnel input encrypted, timestamped patient data into the system, ensuring data security and traceability by linking each entry to a specific time and source.</td></tr> <tr> <td>5</td><td>Admin Review and Workflow Processing</td><td>All data changes go through an admin-controlled workflow that includes verification, validation, and approval/rejection, ensuring data accuracy and accountability.</td></tr> <tr> <td>6</td><td>Immutable Ledger Storage</td><td>Approved transactions are stored on the blockchain ledger, creating a tamper-proof, transparent, and auditable history of data entries, changes, and access logs.</td></tr> </tbody> </table>	Step	Algorithm Phase	Description	1	Consortium Initialization	Formation of a consortium including hospitals, administrators, doctors, and technology providers to ensure shared control and trust in the blockchain network.	2	Node Configuration and Security Setup	Each institution configures its own blockchain node, sets permissions, chooses consensus mechanisms (e.g., Proof of Authority), and implements security protocols for secure, decentralized data handling.	3	User Interface and Access Management	Development of secure login interfaces with role-based access control for doctors, admins, and receptionists, allowing users to access only the data they are authorized for, preserving patient confidentiality.	4	Data Input and Encryption	Authorized personnel input encrypted, timestamped patient data into the system, ensuring data security and traceability by linking each entry to a specific time and source.	5	Admin Review and Workflow Processing	All data changes go through an admin-controlled workflow that includes verification, validation, and approval/rejection, ensuring data accuracy and accountability.	6	Immutable Ledger Storage	Approved transactions are stored on the blockchain ledger, creating a tamper-proof, transparent, and auditable history of data entries, changes, and access logs.	
Step	Algorithm Phase	Description																					
1	Consortium Initialization	Formation of a consortium including hospitals, administrators, doctors, and technology providers to ensure shared control and trust in the blockchain network.																					
2	Node Configuration and Security Setup	Each institution configures its own blockchain node, sets permissions, chooses consensus mechanisms (e.g., Proof of Authority), and implements security protocols for secure, decentralized data handling.																					
3	User Interface and Access Management	Development of secure login interfaces with role-based access control for doctors, admins, and receptionists, allowing users to access only the data they are authorized for, preserving patient confidentiality.																					
4	Data Input and Encryption	Authorized personnel input encrypted, timestamped patient data into the system, ensuring data security and traceability by linking each entry to a specific time and source.																					
5	Admin Review and Workflow Processing	All data changes go through an admin-controlled workflow that includes verification, validation, and approval/rejection, ensuring data accuracy and accountability.																					
6	Immutable Ledger Storage	Approved transactions are stored on the blockchain ledger, creating a tamper-proof, transparent, and auditable history of data entries, changes, and access logs.																					
(5)	The study highlighted how blockchain can empower patients by giving them more control over who accesses their personal health information. In addition, blockchain helps reduce administrative inefficiencies by automating processes such as consent management and data verification. While many use cases and pilot																						

	projects have shown promise, the full-scale implementation of blockchain in healthcare is still evolving. The research emphasizes that the combination of blockchain with off-chain storage systems is necessary for handling large medical files, keeping the storage capacity in mind. Blockchain also supports traceability and accountability in clinical trials and pharmaceutical supply chains.	
i.	Which feature of blockchain ensures that all changes go through an admin-controlled workflow for accuracy and accountability? A. Immutable Ledger Storage B. Data Input and Encryption C. Workflow Validation and Workflow Processing D. Node Configuration and Security Setup	1
ii.	Based on the description in Step 3 of the table, which of the following is the main purpose of developing a secure login interface? A. To enable automated diagnosis B. To allow unrestricted access to patient data C. To permit authorized access for secure data retrieval and management D. To encrypt the patient's biometric data	1
iii.	Which of the following best explains the significance of "Immutable Ledger Storage" in the blockchain-based healthcare system? A. It allows editing of stored patient records by medical staff. B. It secures data with passwords and biometric scans. C. It ensures data cannot be tampered with and maintains a transparent log of all transactions. D. It enables real-time communication between patients and doctors.	1
iv.	Why is it necessary to integrate blockchain with off-chain storage when handling large medical files? A. Blockchain has limited space and cannot store large files efficiently. B. Blockchain networks do not support encryption. C. Off-chain storage is faster than blockchain networks. D. Only off-chain storage can provide smart contract services.	1
v.	If a hospital wants to reduce human error and maintain consistent access records, which combination of blockchain features would be most effective? A. Workflow Processing and Node Configuration B. Consortium Initialization and Immutable Ledger Storage C. Data Input & Encryption and Immutable Ledger Storage D. Admin Review and Workflow Processing	1
vi.	How does blockchain help patients gain more control over their health information? A. By decentralizing access to health records B. By allowing patients to trade health data C. By enabling secure login interfaces and consent-based access D. By removing the need for doctors	1
vii.	Studies have examined how blockchain can facilitate secure health information exchange across different providers and regions. It has also been seen as a solution to the problem of fragmented medical records, because: A. it can prevent all medical errors from occurring. B. it centralizes all patient data into a single government database. C. it offers a secure, unified platform where verified data can be shared and accessed seamlessly. D. it allows unlimited public access to patient health records.	1
viii.	Assertion (A): The implementation of smart contracts in blockchain allows for automated access control in healthcare data. Reason (R): Smart contracts are legal documents that doctors must manually sign before accessing data. Choose the correct Option: A. Both A and R are true, and R is the correct explanation of A. B. Both A and R are true, but R is not the correct explanation of A. C. A is true, but R is false. D. A is false, but R is true.	2
3.	Read the following passage and answer the questions that follow:	8
(1)	A wide array of mythologies can be found across various regions and historical epochs. Greek mythology, Roman mythology, Norse mythology, Egyptian mythology, and Native American mythology are among the	

	most widely recognised mythological systems. Each of these mythologies possesses distinct characteristics, figures, motifs, and symbols.	
(2)	Indian mythology is a profoundly significant aspect of Indian culture, contributing to its richness and distinctiveness on a global scale. Over the course of multiple generations, various narratives within Indian mythology have been transmitted from one generation to the next, either through oral tradition or meticulous preservation in written scriptures.	
(3)	One intriguing aspect of the narratives and characters found in Indian mythology is their intended purpose of imparting nuanced information, principles, and aphorisms to inform decision-making in both managerial contexts and everyday existence. All beliefs can be considered mythological as they exhibit a lack of reliance on rational thought, allowing for the inclusion of fantastical concepts such as an ocean of milk, flying horses, etc. However, each occurrence provides us with a valuable lesson and serves as a prime illustration of effective management practices and achieving successful outcomes.	
(4)	There exists a multitude of management lessons that can be derived from the experiences of Prince Ram, which both students and corporate leaders can apply to achieve success within the contemporary context of a globalised economy. The individual in question is widely recognised as the Maryada Purushottam, a designation that denotes an exemplary embodiment of humanity. In the corporate context, a proficient leader can be likened to Brahma, the Hindu deity associated with creation, as they possess the ability to foster the development and dissemination of knowledge, symbolised by Saraswati. Knowledge is demonstrated through the emergence of novel ideas, innovative thinking, and the spark of inspiration. By gaining a deeper comprehension of the impact of these principles on the lives of prominent leaders and individuals, we can enhance the perception of the potential applicability of these principles in our own lives.	
i.	On the basis of your understanding of the above passage, make notes on it using headings and sub-headings. Use recognisable abbreviations (wherever necessary-minimum four) and a format you consider suitable. Also, supply an appropriate title to it.	5
ii.	Write a summary of the passage in about 80 words.	3
SECTION B- WRITING AND GRAMMAR		23
4.	Attempt any one of the questions given below.	
i.	You are Kriti/Kamal Mishra and want to rent your garage, which you do not use after selling your car. Write an advertisement, in not more than 50 words, to be published under the classified columns of a national daily. Furnish all the necessary details.	3
OR		
ii.	Your school, Otto Public School, Pune, needs a Pantry Supervisor. On behalf of the principal, write an advertisement in about 50 words to be published in the classified columns of a local daily. Mention the educational and professional qualifications, other qualities required for the post, whom to apply, and the last date for the receipt of applications.	3
5.	Attempt any one of the questions given below.	
i.	Suppose you are Rishi/Rashika, the Director of the Institute of Sustainable Tourism, Karnal, Kanchipuram, Tamil Nadu. Draft an attractive poster in not more than 50 words to spread awareness about the conservation of the environment and the responsibility of tourists towards sustainable tourism. Suggest some measures.	3
OR		
ii.	Suppose you are Akash/Akansha, the secretary of the Moksha Child Welfare Society, Vasant Vihar, Delhi. You are planning to launch a campaign to discourage child abuse and child labour. Design a poster in not more than 50 words to underline the importance of child development and the responsibility of society towards the same.	3
6.	Attempt any one of the questions given below.	
i.	You are Aarya/Arjun. You are passionate about environmental conservation and want to raise awareness about the harmful effects of plastic pollution. Write a speech in 120-150 words on ' <i>The Impact of Plastic Pollution on Our Environment</i> ' to be delivered in the morning assembly at your school.	5
OR		
ii.	You are Meera/Manav. You want to promote the importance of physical fitness and how regular exercise can improve mental and physical well-being. Write a speech in 150-200 words on ' <i>The Role of Exercise in Leading a Healthy Life</i> ' to be delivered in the morning assembly at your school.	5
Page 5 of 9		

	A. To show the innocence of childhood B. To emphasise the passage of time and memory C. To describe the appearance of the mother D. To highlight the beauty of the scene	
iii.	Which emotion is most accurately conveyed in the following lines? A. Joyful and celebratory, capturing a lighthearted family moment B. Humorous and nostalgic, focused on the amusement of old memories C. Reflective and subtly mournful, emphasizing the impermanence of life D. Detached and neutral, presenting the scene without emotional depth	1
OR		
B.	The whole tree trembles and thrills It is the engine of her family. She stokes it full, then flirts out to a branch-end Showing her barred face identity mask	
i.	What does the phrase "engine of her family" suggest about the bird's role? A. She is restless and energetic. B. She provides strength and support to her family. C. She is a weak and dependent creature. D. She acts impulsively without reason.	1
ii.	Why does the poet mention the bird "flirts out to a branch-end showing her barred face identity mask"? A. To emphasise her playful nature B. To highlight her proud and independent spirit C. To suggest her desire to escape D. To show her fear of predators	1
iii.	What does the poet likely mean by "<i>barred face identity mask</i>"? A. The goldfinch is wearing a real mask B. The goldfinch is camouflaged or marked in a distinctive way C. The bird is pretending to be something it's not D. The bird is hiding from a predator	1
11.	Read the following extract and answer the questions accordingly.	1x3
A.	When my parents were comfortably settled in the city, they sent for us. That was a turning-point in our friendship. Although we shared the same room, my grandmother no longer came to school with me.	
i.	The narrator says the move to the city was a "turning-point" because: A. He grew more attached to his parents. B. He matured and needed less supervision. C. His education created an invisible gap between him and his grandmother. D. His grandmother chose to live separately.	1
ii.	What activity did the grandmother take following this?	1
iii.	Complete the following sentence: Grandmother was distressed about the narrator's school education because _____	1
OR		
B.	At dawn on January 2, the waves were gigantic. We were sailing with only a small storm jib and were still making eight knots. As the ship rose to the top of each wave, we could see endless enormous seas rolling towards us, and the screaming of the wind and spray was painful to the ears.	
i.	What effect does the phrase "painful to the ears" create? A. It shows the narrator's fear of water. B. It creates a vivid sensory image of the storm's violence. C. It suggests that the narrator had ear problems. D. It implies that the ship was sinking.	1

ii.	Complete the following sentence as can be found in the text by choosing the correct option: "The first indication of impending disaster came at about _____, with an _____ silence." A. 7 p.m., eerie B. 6 p.m., ominous C. 8 p.m., strange D. 5 p.m., fearful	1
iii.	What did the narrator realise 'with horror'?	1
12.	Read the following extract and answer the questions accordingly.	1x4
A.	Early every morning for two weeks my cousin Mourad and I took the horse out of the barn of the deserted vineyard where we were hiding it and rode it, and every morning the horse, when it was my turn to ride alone, leaped over grape vines and small trees and threw me and ran away. Nevertheless, I hoped in time to learn to ride the way my cousin Mourad rode.	
i.	Read the following statements and choose the correct option: Statement 1: The narrator had mastered the art of horse riding. Statement 2: Mourad was better at riding and handling the horse than the narrator. A. Both the statements are correct. B. Statement 1 is correct but Statement 2 is incorrect. C. Statement 1 is incorrect but Statement 2 is correct. D. Neither of the statements is correct.	1
ii.	What does the choice of the setting – a "deserted vineyard" – primarily indicate? A. The boys were avoiding adults to surprise them later. B. They liked vineyards more than fields. C. They were aware that what they were doing needed to be hidden. D. Vineyards were common places to ride horses.	1
iii.	From the narrator's behaviour, what can we infer about his moral dilemma? A. He didn't understand right from wrong. B. He was too scared to return the horse. C. He knew it was wrong to keep the horse, but was swayed by the thrill. D. He thought his cousin would punish him.	1
iv.	Why does John Byro choose to trust the boys despite recognizing the horse?	1
	OR	
B.	We were poor. We had no money. Our whole tribe was poverty-stricken. Every branch of the Garoghlanian family was living in the most amazing and comical poverty in the world. Nobody could understand where we ever got money enough to keep us with food in our bellies, not even the old men of the family.	
i.	The Garoghlanian tribe in William Saroyan's story belonged to which ethnic background? A. Persian B. Armenian C. Turkish D. Kurdish	1
ii.	What is the tone of the narrator when describing their poverty? A. Bitter and angry B. Light-hearted and humorous C. Shameful and guilty D. Proud and arrogant	1
iii.	What was the "Most important of all" according to the narrator?	1
iv.	Why was it necessary for the narrator to mention this- "None of us would take advantage of anybody in the world, let alone steal."?	1
13.	Attempt any one question from each part in about 40-50 words each.	3x2
	Part A	

i.	Examine the concept of 'past' as illustrated by the 'photograph' in the poem 'The Photograph' by Shirley Toulson.	
ii.	Why does the poet describe the goldfinch as "the engine of her family," and what does this metaphor suggest about her role in the poem?	
Part B		
i.	Explain why the idea of the grandmother being young and pretty was almost 'revolting' for the narrator.	
ii.	Cite references from the text, "We're Not Afraid to Die" to prove that the narrator and his family were eager about their voyage.	
14.	Attempt any one of following in about 40-50 words each:	3x1
i.	Why does Aram say 'A man could be the father of his son's flesh, but that did not mean that he was also the father of his spirit.' in The Summer of the Beautiful White Horse?	
ii.	"I have an understanding with a horse"- Elaborate.	
15.	Answer any one of the following questions in about 120-150 words.	6x1
i.	The quiet presence of the sparrows at the grandmother's death symbolizes nature's silent tribute to a life of love and compassion. Write a short answer exploring how the story reflects the deep, unspoken bond between the human world and the natural world, rooted in mutual care and nurturing.	
OR		
ii.	How does the story "We Are Not Afraid to Die..." portray the themes of courage, resilience, and teamwork in the face of adversity? Illustrate your answer with examples from the family's struggle during their sea voyage.	
16.	Answer any one of the following questions in about 120-150 words.	
i.	The boys decide to return the horse out of guilt and a sense of right and wrong. To what extent do you agree with this statement? Support your response with relevant examples from "The Summer of the Beautiful White Horse."	
OR		
ii.	The white horse in the story serves as more than just a beautiful creature—it becomes a symbol of dreams, freedom, and moral dilemmas. Discuss the symbolic significance of the white horse in "The Summer of the Beautiful White Horse."	