

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : ENGLISH**

**TIME : 01 HOUR**

**MM : 25**

**SECTION – A : READING**

**A1- Read the passage carefully and answer the questions.**

1. Time management is the act or process of planning and exercising conscious control over the amount of time spent on specific activities, especially to increase effectiveness, efficiency or productivity. Time management may be aided by a range of skills, tools and techniques used to accomplishing specific tasks, complying with a due date. Most of us are always in a rush-we are making haste. A compression of time characterizes our lives. As time-use researchers look around, they see a rushing and scurrying everywhere.
2. Instant services rule : pollsters use electronic devices during political speeches to measure opinions before they have been fully formed; fast food restaurants add express lanes. Even reading to children is under pressure.
3. “Time is a gentle deity”, said Sophocles. Perhaps it was, for him. These days it cracks the whip. Our ability to work fast and play fast gives us power. It thrills us. And if haste is the accelerator, multitasking is the overdrive.
4. A sense of well-being comes with this saturation of parallel pathways in the brain. We choose mania over boredom every time. We catch the fever, and cramming our life feels goods. There are definite ways to save time, but what does this concept really mean? Does time saving mean getting more done? If so, does talking on a cellular phone at the beach save time or water it? Does it make sense to say that driving saves ten minutes from your travel budget while removing ten minutes from your reading budget?
5. It might be simpler to recognize that there is time and we make choices about how to spend it, how to spare it, how to use it and how to fill it. Time is not a thing we have lost. It is not a thing we ever had. It is what we live in.
6. For students time management is very important. If they learn to manage time effectively. They will get the desired results not only in academics but all other fields such as co-curricular activities, sports etc. They will be able to enjoy life in the true sense. For this the first step is to schedule your time dividing into various slots such as studying, preparing, participating in co-curricular activities like sports, debates, relaxing, socializing, etc. The next step is difficult, to implement your plan in latter and spirit. Go slow, take one step, then the other-this will lead to ultimately control your time. If you manage time, you will achieve whatever you desire – the sky is the limit!

**A1.1- Answer the following questions, based on the passage above. (5)**

- a) Complete the following with the correct option from the two given. "There is pressure of time on everyone these days because \_\_\_\_\_"
- No one wants to be labelled lazy.
  - Everybody is in a hurry for something or the other.
- b) Select the option that is true for the assertion and reason given below:  
Assertion : Saving time is not always useful.  
Reason : Most often are spend it in a useless pursuct.
- Both the Assertion and Reason are true.
  - Both the Assertion and Reason are true but the Reason is not the correct explanation of the Assertion.
  - The Assertion is true, but the Reason is false.
  - The Assertion is false, but the Reason is true.
- c) How can time management prove to be beneficial to students?
- d) Give one reason to justify that time management is not easy.
- e) State whether the following statement is true or false.  
Now a days time has become strict and cruel.

**SECTION – B : WRITING & GRAMMAR**

- B1. A.K. International School is looking for a receptionist for the school. Write an advertisement on behalf of the administrative officer in the classified columns of the local newspaper giving necessary details. Draft the advertisement in not more than 50 words. (2)
- B2. You are the Head Boy / Head Girl of your school. You have decided to make the students aware of the advantage of tree plantation and tell them how trees can serve as better source of oxygen and fresh air. Prepare a speech you intend to deliver in the morning assembly the next day and write it in your answer sheet using not more than 100 – 120 words. You can take help of the note given below. (4)
- B3. Fill in the blanks with the correct forms of the verbs given in brackets. (2)  
Nikita a young dancer (a) \_\_\_\_\_ (force / forced / was forced / to force) to give up dancing when both her kidneys (b) \_\_\_\_\_ (fail / failing / failed / had failed) many years ago. This (c) \_\_\_\_\_ (happen / happened / was happening / had happened) when she (d) \_\_\_\_\_ (go / went / had gone / will go) to Mumbai on a holiday.

B4. In the passage given below, one word has been omitted in each line. Write the missing word along with the word that comes before and after it in your answer sheets. (2)

	Before	Word	After
On the twenty-fifth birthday of Garima			
I gifted her expensive mobile.	e.g. her	an	expensive
The young girl opened up packet	_____	_____	_____
which beautifully wrapped by me.	_____	_____	_____
she opened up immediately and,	_____	_____	_____
on seeing gift of her choice, she gave a	_____	_____	_____
little cry of joy.			

### SECTION – C : LITERATURE

C1. Read the following extract and answer the questions briefly: (4)

A sweet face,  
My mother's, that was before I was born  
And the sea, which appears to have changed less,  
Washed their terribly transient feet.

- a) Where was the mother standing and why?
- b) How did she look at that time?
- c) Compare the change that comes in the mother and in the sea.
- d) Find a word in the passage that means 'momentary'.

C2. Answer the following questions in about 30 – 40 words. (6)

- a) How did the sparrows mourn the death of the grandmother?
- b) Why did Jonathan ask for a hug and called him the best daddy and the best captain in the world?
- c) Who was John Byro? Why had he come to the narrator's house?

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : BUSINESS STUDIES**

**TIME : 01 HOUR**

**MM : 25**

<b>General Instructions:</b>		
<i>a. Attempt all the questions.</i>		
Q1.	The main purpose of economic activities is _____. a) to avoid loss b) to earn less profit c) to provide free services d) to earn profit	1
Q2.	Since the main objective of the business is to earn profits, which of the following is not an appropriate method of earning profits: a) Selling low quality product at low prices b) All of these c) Selling a good quality product at reasonable prices d) Inflating the prices	1
Q3.	Which of the following is correct about speculative risks? a) Involves the possibility of only gain b) Involves the possibility of only loss c) Involves the possibility of neither gain nor loss d) Involves the possibility of either gain or loss	1
Q4.	<b>Assertion (A):</b> Joint Hindu family businesses are found only in India. <b>Reason (R):</b> Hindu Undivided Family (HUF) business is governed by Hindu Law.  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.	1
Q5.	In a cooperative society the principle followed is _____. a) one share one vote b) multiple votes c) no vote d) one man one vote	1
Q6.	State the difference between all types of economic activities. <b>Or</b> Difference between economic and non-economic activity	3

Q7.	<p>Nupur Nagpal, after completing her M.B.A. studies, began to help her father, Shri Bhushan Nagpal, in his business. The business with a limited capital investment was running successfully. All the workers were happy. Nupur wanted to use modern business techniques in every area of business; namely, purchase, sale, production, finance, etc. In fact, she wanted to implement the methods, which she had studied in her M.B.A., in her business. As soon as she started interfering in the business with her latest techniques, the workers began to protest against her. Looking at the increasing protest against herself, she became disappointed. Ultimately, she gave up her business and started working in another company. In the business such circumstances were created that even her father could not take any balanced decision. Good workers began to leave the business. The goodwill of the business in the market went on declining. In no time, the liabilities of business became many times more than his assets. On account of the pressure exerted on him by the creditors, Mr. Nagpal cleared the debts of business by disposing of his domestic properties. Mr. Nagpal could not bear with this situation and owing to his heart failure, he died. Ultimately, the business got closed.</p> <p>a) To which form of business organisation is concerned with the above paragraph, and the information on what factor is being conveyed by it?</p> <p>b) Quoting the relevant lines write about the four points of the factor identified in (i).</p>	3
Q8.	What do you mean by auxiliaries to trade? Briefly explain the common auxiliaries to trade.	4
Q9.	Write the effects of non-registration of a partnership firm.	4
Q10.	<p>Shridhar is planning to promote an e commerce company under the name 'Musafhir'. The website of the company will help the users to plan holidays with the help of technology. At a conceptual level, the offering is highly simple, but at the computer science level and at the technology level it is immensely complicated. For example, a planned itinerary for a ten day trip to Paris will have a trillion possibilities and a number of permutations. The success of the business will depend upon its ability to churn out plans based on logic and according to the preference within seconds. With the help of a business planner Shridhar has determined that the capital investment can be arranged within the available means. Moreover, he has analyzed that the level of competition in this segment is low. In the context of the above case answer the following questions:</p> <p>a) Identify the various kinds of feasibility studies that Shridhar has undertaken as a promoter by quoting lines from the paragraph.</p> <p>b) What are the various formalities that Shridhar will have to fulfill for the name approval of his company?</p> <p>c) Under what conditions are the proposed name of the company likely to be rejected?</p>	6

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : POLITICAL SCIENCE**

**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a. All questions are compulsory.
- b. Question numbers 1-5 are multiple choice question of one mark each.
- c. Question numbers 6-7 are 2 mark each. Answers to these question should not exceed 10-15 words each.
- d. Question numbers 8-9 are 3 mark each. Answers to these question should not exceed 15-20 words each.
- e. Question numbers 10-11 are passage, cartoon based question. Answers accordingly.
- f. Question numbers 12-13 are 4 mark each. Answers to these question should not exceed 40-50 words.

**SECTION – A**

Q1.	When was the first Parliament Session held? a) 9 November 1946 b) 15 December 1947 c) 9 December 1946 d) 9 December 1947	1
Q2.	The Government can put restrictions on fundamental rights but they should be: a) Arbitray b) Compulsory c) Reasonable d) Illegal	1
Q3.	How much time did it take to make the Constitution of India? a) 3 years 11 months 20 days b) 3 years 11 months 18 days c) 2 years 11 months 18 days d) 1years 11 months 20 days	1
	<p>Directions (Q. Nos.4-5) after reading the Assertion and Reason, select the correct codes according to the codes given below.</p> <p><b>Codes:</b></p> <ol style="list-style-type: none"> <li>a) Both (A) and (R) are true and (R) is the correct explanation of (A).</li> <li>b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).</li> <li>c) (A) is true, but (R) is false.</li> <li>d) (A) is false, but (R) is true.</li> </ol>	

Q4.	<b>Assertion (A):</b> Constitution provides the basic rules to prevent the states from having absolute power. <b>Reason (R):</b> Constitution can give vulnerable people the power to achieve collective good.	1
Q5.	<b>Assertion (A):</b> The Constitution of India has become the longest one. <b>Reason (R):</b> The chapter of fundamental rights has been borrowed from the mode of American constitution.	1
<b><u>SECTION – B</u></b>		
Q6.	Indian Constitution is neither too rigid nor flexible". Justify. <b>Or</b> Which right removes untouchability?	2
Q7.	What are 'Fundamental Rights'? <b>Or</b> What is the need and importance of a constitution?	2
<b><u>SECTION – C</u></b>		
Q8.	Write four important functions of the Constitution <b>Or</b> Why and when were fundamental duties added to Constitution?	3
Q9.	What is given in Article 15 and Article 21? <b>Or</b> Why is there a need of Balanced Institutional Design in a democracy?	3
<b><u>SECTION – D</u></b>		
Q10.	Read the given passage carefully and answer the questions that follows: The makers of our Constitution knew that independent India was going to face many challenges. Foremost among these was the challenge to bring about equality and well-being of all citizens. They also thought that certain policy direction was required for handling these problems. At the same time, the Constitution did not want future governments to be bound by certain policy decisions. Therefore, some guidelines were incorporated in the Constitution but they were not made legally enforceable, this means that if a government did not implement a particular guideline, we cannot go to the court asking the court to instruct the government to implement that policy.  Question: 1) What do Directive Principles contain? 2) The makers of our constitution knew that independent India was going to face many..... a) Strategies b) Challenges c) Problems d) All of these	1

Q11.	<p>Study the picture given below and answer the questions that follow:</p> <div> </div> <p>Questions:</p> <ol style="list-style-type: none"> <li>1) Why does the cartoonist describe the new Iraqi Constitution as the castle of cards?</li> <li>2) Would this description apply to the Indian Constitution?</li> </ol>	1
<b><u>SECTION – E</u></b>		
Q12.	<p>Why Indian Constitution is the most successful constitution among the world?</p> <p style="text-align: center;"><b>Or</b></p> <p>Right to freedom is a cluster of several rights. Explain.</p>	4
Q13.	<p>State the difference between the fundamental rights and Directive Principles.</p> <p style="text-align: center;"><b>Or</b></p> <p>Explain the objective of Indian Constitution.</p>	4

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : CHEMISTRY**

**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a. This question paper consists of 11 questions in 5 sections.
- b. All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- c. Section A consists of 3 objective type questions and one Assertion/reasoning carrying 1 mark each.
- d. In Section B consists of 3 Very Short questions carrying (2 marks each) Answers to these questions should be in the range of 30 to 50 words.
- e. Section C consists of 2 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- f. Section D consists of 1 Long Answer type question carrying 05 marks Answer to this question should be in the range of 80 to 120 words.
- g. Section E consists of 1 source-based/case-based unit of assessment of 04 marks.

**SECTION – A**

Q1.	Which of the following statements is TRUE about empirical formula? a) It shows the actual number of atoms of each element in a molecule. b) It is based on the molecular formula. c) It represents the simplest whole-number ratio of atoms in a compound. d) It is always the same as the molecular formula.	1
Q2.	Which of the following quantum numbers is associated with the shape of an orbital? a) Principal quantum number (n) b) Azimuthal quantum number (l) c) Magnetic quantum number (m) d) Spin quantum number (s)	1
Q3.	What is the molarity of a solution containing 0.5 moles of solute in 250 mL of solution? a) 0.02 M b) 2.0 M c) 5.0 M d) 20.0 M	1
Q4.	Which electronic configuration among the following will have the highest electron affinity? a) $1s^2 2s^2 2p^3$ b) $1s^2 2s^2 2p^5$ c) $1s^2 2s^2 2p^6 3s^2 3p^5$ d) $1s^2 2s^2 2p^6 3s^2 3p^3$	1

	<p><b>Assertion reasoning based questions:</b></p> <p>These consist of two statements Assertions (A) and Reason(R) answer these questions selecting the appropriate option given below.</p> <p>a) If both Assertion and Reason are correct and the Reason is a correct explanation of the Assertion.</p> <p>b) If both Assertion and Reason are correct but Reason is not a correct explanation of the Assertion.</p> <p>c) If the Assertion is correct but Reason is incorrect.</p> <p>d) If the Assertion is false and Reason is true.</p>	
Q5.	<p><b>Assertion:</b> One atomic mass unit is defined as one twelfth of the mass of one carbon - 12 atom.</p> <p><b>Reason:</b> Carbon-12 isotope is the most abundant isotope of carbon and has been chosen as standard.</p>	1
Q6.	<p><b>Assertion:</b> An orbital cannot have more than two, electrons moreover if an orbital has two electrons they must have opposite spins.</p> <p><b>Reason:</b> No element in an atom can have same set of all the four Quantum numbers</p>	1
<b><u>SECTION – B</u></b>		
Q7.	<p>Calculate the amount of carbon dioxide that could be produced when</p> <p>a) 2 mole of carbon is burnt in air.</p> <p>b) 2 mole of carbon is burnt in 32 g of dioxygen.</p>	2
Q8.	<p>Yellow light emitted from a sodium lamp has a wavelength (<math>\lambda</math>) of 580 nm. Calculate the frequency (<math>\nu</math>) and wave number (<math>\bar{\nu}</math>) of yellow light.</p> <p style="text-align: center;"><b>Or</b></p> <p>Calculate the wavelength, frequency, and wavenumber of lightwave whose period is <math>2.0 \times 10^{-10}</math>s.</p>	2
<b><u>SECTION – C</u></b>		
Q9.	<p>Aluminum reacts with chlorine gas to form aluminum chloride via the following reaction:</p> $2\text{Al} + 3\text{Cl}_2 \rightarrow 2\text{AlCl}_3$ <p>How many grams of aluminum chloride could be produced from 34.0 g of aluminum and 39.0 g of chlorine gas?</p>	3
Q10.	<p>Among the second period elements, the actual ionization enthalpies are in the order: <math>\text{Li} &lt; \text{B} &lt; \text{Be} &lt; \text{C} &lt; \text{O} &lt; \text{N} &lt; \text{F} &lt; \text{Ne}</math></p> <p>Explain why</p> <p>a) Be has higher <math>\Delta_i H_1</math> than B?</p> <p>b) O has lower <math>\Delta_i H_1</math> than N and F?</p> <p style="text-align: center;"><b>Or</b></p> <p>How would you explain the fact that the first ionization enthalpy of sodium is lower than that of magnesium but its second ionization enthalpy is higher than that of magnesium?</p>	3

**SECTION – D**

Q11.	<p>a) Indicate the number of unpaired electrons in:</p> <p style="padding-left: 40px;">a. Cr <span style="float: right;">b. Fe<sup>2+</sup></span></p> <p>b) write down the electronic configuration of Cr (24) &amp; Cu(29)</p> <p>c) State and explain the following:</p> <p style="padding-left: 40px;">a. Aufbau principle</p> <p>d) The velocity associated with a proton moving in a potential difference of 1000 V is <math>4.37 \times 10^5 \text{ m s}^{-1}</math>. If the hockey ball of mass 0.1 kg is moving with this velocity, calculate the wavelength associated with this velocity.</p>	5
------	--	---

**SECTION – E**

Q12.	<p><b>Case Study:</b></p> <p>In the modern periodic table, properties such as atomic size, ionisation energy, and electronegativity vary in predictable ways. However, there are exceptions, such as the first ionisation energy of Oxygen being lower than Nitrogen, and the electron affinity of Fluorine being less than Chlorine.</p> <p>1) Why is ionisation enthalpy of oxygen less than nitrogen despite oxygen being to the right?</p> <p style="padding-left: 40px;">a) O has higher atomic size: b) N has lower electronegativity c) N has half-filled stable configuration. d) O has filled orbitals</p> <p>2) Which of the following increases down a group?</p> <p style="padding-left: 40px;">a) Electronegativity b) Ionisation enthalpy. c) Atomic radius d) Electron affinity</p> <p>3) What is the general trend of metallic character across a period?</p> <p style="padding-left: 40px;">a) Increases b) Decreases c) Constant d) First increases then decreases.</p> <p>4) Which of the following elements has the highest ionisation enthalpy?</p> <p style="padding-left: 40px;">a) Na b) Mg c) Al d) F</p>	4
------	--	---

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : MARKETING**

**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a) This question paper contains two sections: Section A-Employability Skills and Section B-Marketing and Sales.
- b) This paper contains:
- c) Multiple Choice Questions of 1 mark each.
- d) Subjective Type Questions of 2 marks each to be answered in 60 to 80 words.
- e) Long Answer Type Questions of 3 marks each to be answered in 80 to 100 words.
- f) Answer in details of 5 marks.

**SECTION – A (EMPLOYABILITY SKILLS)**

**Multiple Choice Questions:**

Q1.	<p>What is the purpose of communication?</p> <ul style="list-style-type: none"> <li>a) Inform</li> <li>b) Share thoughts, Ideas, Feelings</li> <li>c) Influence</li> <li>d) All of the above</li> </ul>	1
Q2.	<p>Why is it important to maintain positive body language in communication?</p> <ul style="list-style-type: none"> <li>a) It enhances verbal communication regarding emphasis to spoken words.</li> <li>b) It helps, maintain appropriate boundaries and social interaction.</li> <li>c) Establish trust and openness, contributing to effective communication.</li> <li>d) Ensure compliance with dress codes and etiquette norms.</li> </ul> <p style="text-align: center;"><b>Or</b></p> <p>She usually eats at home because she likes cooking. Which part of speech is this?</p> <ul style="list-style-type: none"> <li>a) Verb</li> <li>b) Adjective</li> <li>c) Interjection</li> <li>d) Conjunction</li> </ul>	1

**Answer in Short:**

Q3.	Write 7C's of effective communication?	1½
Q4.	What are the different methods of verbal communication?	1½

## SECTION – B (MARKETING & SALES)

### **Multiple Choice Questions:**

Q5.	Marketing starts before the production of the _____ and continues even after the _____ of the products. So we say marketing is a continuous process. a) Services and purchase b) Services and selling c) Goods and selling d) Goods and production	1
Q6.	Social changes like demand for reservation in jobs for women is an example of _____ forces making an influence on a Business. a) Internal forces b) External forces c) Micro forces d) Government forces	1
Q7.	Which marketing philosophy focuses on producing goods that are love price and brightly available? a) Production concept b) Product concept c) Selling concept d) Marketing concept	1
Q8.	<b>Assertion (A):</b> All the forces of the business environment are within the control of a business firm. <b>Reason (R):</b> The business environment is a source of various resources, such as man, machine, money, raw material, power www to a business firm. a) Both Assertion and Reason are true, and Reason is the correct explanation of Assertion. b) Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion. c) Assertion is true. Reason is false. d) Assertion is false but Reason is true.	1
Q9.	Smoking is injurious to health is denoted on the packets by a cigarette companies. This is important component of _____ Environment? a) Economic environment b) Social environment c) Political, Legal environment d) Political environment	1
<b>Subjective Type Questions:</b>		
Q10.	What is PEST Analysis?	2
Q11.	Explain Production and Product philosophies?	2

**Long Answer Questions:**

Q12.	Differentiate between marketing and selling on the basis of a) Objective b) Emphasis c) Profit	3
Q13.	Explain Maslow need hierarchy theory.	3
<b>Answer in Detail:</b>		
Q14.	What is the importance of environmental scanning for the organization in modern times? Explain in detail.	5

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : HISTORY**


**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a. This question paper contains 14 questions. All questions are compulsory.
- b. Question paper is divided into five sections A, B, C, D and E.
- c. Section A : Question No. 1 to 5 are multiple choice questions, carrying 1 mark each.
- d. Section B : Question No. 6 to 9 are short answer type questions carrying 2 marks each. Answer should be not exceed 40 to 60 words.
- e. Section C : Question No. 10 to 11 are long answer type questions carrying 3 marks each. Answer should be not exceed 100 to 120 words.
- f. Section D : Question No. 12 to 13 are Source based questions with two sub questions of 2 marks each.
- g. Section E: Question No. 14 is map based question carrying 2 marks that include the identification and location of significant test items. Attach the map with the answer book.

**SECTION – A**  
**(Multiple Choice Questions)**

Q1.	Name the famous epic of Mesopotamians. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>a) Gilgamesh b) Nabopollassar</p> </div> <div style="width: 45%;"> <p>c) Wars of Babylon d) None of these</p> </div> </div>	1																				
Q2.	The term used for Southern region was _____. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>a) Assyrian b) Mesopotamia</p> </div> <div style="width: 45%;"> <p>c) Babylonia d) None of these</p> </div> </div>	1																				
Q3.	Match the following : <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 40%; text-align: center;">List I</th> <th style="width: 10%;"></th> <th style="width: 40%; text-align: center;">List II</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A.</td> <td>Cuneiform</td> <td style="text-align: center;">1.</td> <td>Ruler of Uruk</td> </tr> <tr> <td style="text-align: center;">B.</td> <td>Alashiya</td> <td style="text-align: center;">2.</td> <td>A system of writing</td> </tr> <tr> <td style="text-align: center;">C.</td> <td>Gilgamesh</td> <td style="text-align: center;">3.</td> <td>Stone slabs with inscription or carving</td> </tr> <tr> <td style="text-align: center;">D.</td> <td>Steles</td> <td style="text-align: center;">4.</td> <td>Islands of Cyprus</td> </tr> </tbody> </table>		List I		List II	A.	Cuneiform	1.	Ruler of Uruk	B.	Alashiya	2.	A system of writing	C.	Gilgamesh	3.	Stone slabs with inscription or carving	D.	Steles	4.	Islands of Cyprus	1
	List I		List II																			
A.	Cuneiform	1.	Ruler of Uruk																			
B.	Alashiya	2.	A system of writing																			
C.	Gilgamesh	3.	Stone slabs with inscription or carving																			
D.	Steles	4.	Islands of Cyprus																			
Q4.	Identify the picture. <div style="text-align: center; margin-top: 10px;">  </div>	1																				

Q5.	<p>Assertion (A) : Mari was amongst the biggest city of Mesopotamia. Reason (R) : It was the residence of the Royal family, the hub of administration and a place of production, especially of precious metal ornaments.</p> <p>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.</p>	1
<p><b><u>SECTION – B</u></b> <b>(Short Answer Type Questions)</b></p>		
Q6.	<p>What is cuneiform? What was the importance of writing in Mesopotamia?</p> <p style="text-align: center;"><b>Or</b></p> <p>Describe the procedure of marriage in the city of Ur.</p>	2
Q7.	<p>Write a short note on Warka head.</p> <p style="text-align: center;"><b>Or</b></p> <p>If you had lives in the roman empire where would you rather lived in the towns or in the country. Explain why?</p>	2
Q8.	<p>Explain briefly about the institution of slavery.</p> <p style="text-align: center;"><b>Or</b></p> <p>Why would the early temples have been much like a house?</p>	2
Q9.	<p>Name different geographical features of Mesopotamia and some crops that were grown in Mesopotamia.</p> <p style="text-align: center;"><b>Or</b></p> <p>Why the Roman government stopped coining in silver and which metal did it began to use the production of coinage.</p>	2
<p><b><u>SECTION – C</u></b> <b>(Long Answer Type Questions)</b></p>		
Q10.	<p>Discuss about Babylonia.</p> <p style="text-align: center;"><b>Or</b></p> <p>The emperor, the aristocracy and the army are the three main players of the political history of the empire? Justify the statement.</p>	3
Q11.	<p>Why do ancient stories tell us about the civilization of Mesopotamia?</p> <p style="text-align: center;"><b>Or</b></p> <p>Write a note on any 2 kings.</p> <p>a) Assurbanipal b) Gilgamesh c) Zimrilim</p>	3
<p><b><u>SECTION – D</u></b> <b>(Source Based Questions)</b></p>		
Q12.	<p>Study the following source carefully and answer the questions that follow:</p>	2

	<p>In India, early stone seals were stamped. In Mesopotamia until the end of the first millennium BCE, cylindrical stone seals, pierced down the centre, were fitted with a stick and rolled over wet clay so that a continuous picture was created. They were carved by very skilled craftsmen and sometimes carry writing; the name of the owner, his god, his official position etc. A seal could be rolled on clay covering the string knot of a cloth package or the mouth of a pot, keeping the contents safe. When rolled on a letter written on a clay tablet, it became a mark of authenticity. So the seal was the mark of a city dweller's role in public life.</p> <p>a) How did seal carry in writing? What was the importance of seal?</p> <p>b) How were contents of seal kept safe?</p>	
Q13.	<p>Read the passage given below and answer the questions that follow:</p> <p><b>Doctor Galen on how Roman cities treated the country side</b></p> <p>The famine prevalent for many successive years in many provinces has clearly displayed for men of any understanding the effect of malnutrition in generating illness. The city- dwellers, as it was their custom to collect and store enough grain for the whole of the next year immediately after the harvest, carried off all the wheat, barley, beans and lentils, and left to the peasants various kinds of pulse- after taking quite a large proportion of these to the city. After consuming what was left in the course of the winter, the country people had to resort to unhealthy foods in the spring; they ate twigs and shoots of trees and bushes and bulbs and roots of inedible plants.</p> <p>a) What kind of unhealthy foods did country people eat? Why?</p> <p>b) What did city dwellers do as part of their custom and what did they leave to peasants?</p>	2
<p><b><u>SECTION – E</u></b>  <b>(Map Based Questions)</b></p>		
Q14.	<p>Point the following locations on the map of West Asia.</p> <p>a) Sahara Desert</p> <p>b) Constantinople</p> <p>c) Antioch</p> <p>d) Armenia</p>	2

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : PHYSICS**

**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a. This question paper consists of 12 questions in 5 sections.
- b. All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- c. Section A consists of 6 objective type questions carrying 1 mark each.
- d. In Section B consists of 2 Very Short questions carrying (2 marks each) Answers to these questions should be in the range of 30 to 50 words.
- e. Section C consists of 2 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- f. Section D consists of 1 Long Answer type question carrying 05 marks. Answer to this question should be in the range of 80 to 120 words.
- g. Section E consists of 1 source-based/case-based unit of assessment of 04 marks.

**SECTION – A**

Q1.	The least count of a Vernier caliper is: a) 0.01 cm b) 0.1 cm c) 1 cm d) 0.001 cm	1
Q2.	A body moving with uniform acceleration covers 10 m in the first 2 seconds and 30 m in the next 2 seconds. The acceleration is: a) 2.5 m/s <sup>2</sup> b) 5 m/s <sup>2</sup> c) 10 m/s <sup>2</sup> d) 7.5 m/s <sup>2</sup>	1
Q3.	Which of the following is not a contact force? a) Friction b) Tension c) Gravitational force d) Normal reaction	1
Q4.	Four blocks of equal masses are pushed along a smooth surface with a force F. The force exerted by the first block on the second one is: a) F b) 3F/4 c) F/4 d) Zero	1

	<p>Question number 5 and 6 are Assertion reasoning based questions. These consist of two statements Assertions (A) and Reason(R) answer these questions selecting the appropriate option given below.</p> <p>a) If both Assertion and Reason are correct and the Reason is a correct explanation of the Assertion.</p> <p>b) If both Assertion and Reason are correct but Reason is not a correct explanation of the Assertion.</p> <p>c) If the Assertion is correct but Reason is incorrect.</p> <p>d) If the Assertion is false and Reason is true.</p>	
Q5.	<p><b>Assertion (A):</b> The path of a projectile is parabolic</p> <p><b>Reason (R):</b> The horizontal velocity remains constant, and vertical motion is uniformly accelerated.</p>	1
Q6.	<p><b>Assertion (A):</b> An object can have zero velocity and still be accelerating.</p> <p><b>Reason (R):</b> At the highest point of vertical projection, velocity is zero but acceleration is non-zero.</p>	1
<b><u>SECTION – B</u></b>		
Q7.	<p>Give reasons for the following:</p> <p>a) Why the distance is travelled always greater than or equal to displacement?</p> <p>b) Why do we use velocity instead of speed to describe motion?</p> <p style="text-align: center;"><b>Or</b></p> <p>Why does a car moving on a straight road with a constant speed exhibit uniform motion, while a car acceleration while moving on the same road does not?</p>	2
Q8.	<p>Why do we call Newton's First law as law of inertia?</p> <p style="text-align: center;"><b>Or</b></p> <p>Passengers are thrown forward from their seats when a speeding bus stops suddenly?</p>	2
<b><u>SECTION – C</u></b>		
Q9.	<p>From the given velocity-time graph, calculate the acceleration and the distance travelled in 10 seconds.</p> <div style="text-align: center;"> <p>Velocity-Time Graph</p> <p>The graph shows a straight line starting at the origin (0,0) and ending at (10,20). The y-axis is labeled 'Velocity (m/s)' and ranges from 0.0 to 20.0 with major grid lines every 2.5 units. The x-axis is labeled 'Time (s)' and ranges from 0 to 10 with major grid lines every 2 units.</p> </div>	3

	<b>Or</b>	
	A ball is thrown vertically upwards with an initial velocity of 100 m/s. After how much time will it return? Draw time-velocity graph for the ball and find from the graph: (i) height attained by the ball, (ii) height of the ball after 15 seconds. (Take $g = 10 \text{ m/s}^2$ )	
Q10.	What are concurrent forces? Prove that under the action of three concurrent forces $F_1, F_2, F_3$ a body will be in equilibrium when $F_1 + F_2 + F_3 = 0$ .	3
<b><u>SECTION – D</u></b>		
Q11.	<p>a) The air bubble formed by explosion under water performs oscillations with time-period <math>T</math> which depends upon the static pressure <math>P</math>, water density <math>d</math> and the energy of explosion <math>E</math>. Establish formula for the period <math>T</math> by dimensional analysis.</p> <p>b) A student writes the Einstein's mass-energy equivalence relation as <math>E = c^2/m</math>, where <math>m</math> is mass and <math>c</math> is the speed of light in free space. Is the relation correct? If not, establish the correct relation.</p> <p style="text-align: center;"><b>Or</b></p> <p>a) State the significant figures in the following:</p> <ol style="list-style-type: none"> <li>a. 0.050 cm</li> <li>b. 0.0009 m</li> <li>c. 0.039 m</li> </ol> <p>b) The unit of work is joule J in the SI system and erg in the CGS system. Find number of ergs in 1 joule.</p>	5
<b><u>SECTION – E</u></b>		
Q12.	<p>A drone is programmed to follow a specific path in a horizontal plane. It first flies 300 m towards the north, then changes its direction and flies 400 m towards the east. After reaching this point, it takes a turn and flies 500 m in a direction making an angle of <math>60^\circ</math> south of east. The entire flight occurs at a constant speed of 10 m/s. The drone returns to its starting point in a straight line with the same speed. The entire operation is tracked on a coordinate system where the origin is the starting point of the drone.</p> <ol style="list-style-type: none"> <li>1. What is the magnitude of the drone's net displacement before it returns to the starting point? <ol style="list-style-type: none"> <li>a. 300 m</li> <li>b. 600 m</li> <li>c. 900 m</li> <li>d. Approximately 925.8 m</li> </ol> </li> <li>2. What is the total distance travelled by the drone before it returns to the starting point? <ol style="list-style-type: none"> <li>a. 900 m</li> <li>b. 1200 m</li> <li>c. 1400 m</li> <li>d. 1500 m</li> </ol> </li> </ol>	4

- |  |  |  |
|--|--|--|
|  | <p>3. How much time does the drone take to complete its entire journey?</p> <ul style="list-style-type: none"><li>a. 140 s</li><li>b. 185.2s</li><li>c. 200s</li><li>d. 210 s</li></ul> <p>4. What is the average velocity vector of the drone for the entire journey?</p> <ul style="list-style-type: none"><li>a. Zero</li><li>b. Equal to the average speed</li><li>c. Equal to the final velocity vector</li><li>d. Equal to the initial velocity vector</li></ul> |  |
|--|--|--|

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : ACCOUNTANCY**

TIME : 01 HOUR

MM : 25

<b><u>General Instructions :</u></b>		
<i>a. All Questions are compulsory.</i>		
<b><u>SECTION – A</u></b>		
Q1.	<p><b>Assertion (A):</b> Purchase means purchase of goods and includes both cash and credit purchase.  <b>Reason (R):</b> Fixed assets purchased on credit are not included in purchases, it being not held for resale.</p> <p>Based on the above statements, identify the correct option out of the following:</p> <p>a) Both Assertion (A) and Reason (R) are correct but reason is not the correct explanation of Assertion (A).  b) Both Assertion (A) and Reason (R) are correct and Reason (R) is a correct explanation of the Assertion (A).  c) Both Assertion (A) and Reason(R) are not correct.  d) Assertion (A) is correct but Reason(R) is not correct.</p>	1
Q2.	<p>Which of the following is not a limitation of accounting?</p> <p>a) Based on accounting convention  b) Evidence in Legal Matters  c) Incomplete Information  d) Omission of Qualitative Information</p>	1
Q3.	<p>The term sales is used only for the sales of _____ and is never used for the sale of _____.</p> <p>a) Assets, Investments  b) Assets, Goods  c) Intangible Assets, Goods  d) Goods, Assets</p>	1
Q4.	<p>Which of the following transaction is of a financial character and will be recorded in the business</p> <p>a) Goods taken from the business by the proprietor for her personal use  b) Interviewing the candidates for employment  c) Sale of household furniture for Rs. 5000.  d) Received an order for sales of goods</p>	1
Q5.	<p>A firm follows a practice of giving the figures of the previous year along with the figures of the current year. Now the Accountant of the firm wants to discontinue this practice. Do you justify this decision?</p>	1

**SECTION – B**

Q6.	Differentiate Book-keeping and Accounting.	3						
Q7.	a) Yogesh commenced business on 1st April 2011 with a Capital of Rs. 5,00,000 and a loan of Rs. 1,00,000 borrowed from CitiBank. On 31st March, 2012, his assets were Rs. 8,00,000. Calculate his closing capital and profits earned during the year. b) If in the above case, the proprietor had introduced fresh capital of Rs. 40,000 and had withdrawn Rs. 10,000 for personal purposes, calculate his profits.	3						
Q8.	Enter the following transactions in the Journal of Gaurav. a) Sold goods to Kailash of the list price of Rs. 1,00,000 at trade discount of 15%. b) Kailash returned goods of the list price of Rs. 4,000. c) Received from Kailash the amount due from him, under a cash discount of 5%.	3						
Q9.	Journalise following transactions of Ramesh, Delhi for April, 2025: <table border="1" style="width: 100%;"><tr><td>April 10</td><td>Sold goods for cash for Rs. 8,000 plus CGST and SGST @ 9% each</td></tr><tr><td>April 15</td><td>Purchased goods from Karam for Rs. 10,000 plus CGST and SGST @ 9% each</td></tr><tr><td>April 20</td><td>Returned goods purchased from Karam costing Rs. 4,000</td></tr></table>	April 10	Sold goods for cash for Rs. 8,000 plus CGST and SGST @ 9% each	April 15	Purchased goods from Karam for Rs. 10,000 plus CGST and SGST @ 9% each	April 20	Returned goods purchased from Karam costing Rs. 4,000	3
April 10	Sold goods for cash for Rs. 8,000 plus CGST and SGST @ 9% each							
April 15	Purchased goods from Karam for Rs. 10,000 plus CGST and SGST @ 9% each							
April 20	Returned goods purchased from Karam costing Rs. 4,000							

**SECTION – C**

Q10.	Pass Journal Entries for the following: a) Purchased machinery for Rs. 80,000 b) Goods purchased for Rs. 5000 were used by the proprietor for personal purposes. c) Cash deposited into the Bank Rs.10,000. d) Provide 10% depreciation on furniture costing Rs. 50,000. e) Rent outstanding Rs. 5,000. f) Goods costing Rs. 10,000 damaged by fire and Insurance Company accepted a claim of Rs. 8,000 and cheque is received from the insurance company.	4
Q11.	Harish has the following transactions, prepare Accounting Equation a) Harish started business with cash Rs. 1,80,000, b) Purchased goods for cash Rs. 60,000 and on credit Rs. 30,000. c) Sold goods for cash Rs. 40,000, costing Rs. 24,000. d) Rent paid 5,000; and rent outstanding Rs. 2,000. e) Sold goods on credit Rs. 50,000 (costing Rs. 38,000). f) Salary paid in advance Rs. 3,000. g) Cash withdrew for personal use Rs. 2,000. h) Received Rs. 800 for commission	4

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : PHYSICAL EDUCATION**

**TIME : 01 HOUR**

**MM : 25**

<b>Multiple Choice Question:</b>		
Q1.	Fit India Movement was launched on a) 26 August 2019 b) 29 August 2019 c) 26 February 2018 d) 29 February 2019	
Q2.	What is are the objective Of fit India movement? a) To Promote fitness as easy, fun and free. b) To encourage indigenous sports. c) To make fitness reach every school, college/university, panchayat, Village etc. d) All of these.	
Q3.	The Ancient Olympic Games Started in a) 796 B.C b) 786 B.C c) 776 B.C d) 760 B.C	
Q4.	The headquarter of loc is situated in. a) Bonn, Germany b) log Angeles, U.S.A c) London, England d) Lausanne, Swizerland	
<b>Very Short Questions:</b>		
Q5.	Define physical education?	
Q6.	What is the fit India movement?	
Q7.	When was I ossitablished?	
Q8.	Who started the Modern Olympic games?	
<b>Short Answer Questions:</b>		
Q9.	List the objective of physical education.	
Q10.	Write a short note on the Modern Olympics GAME.	
<b>Long Answer Questions:</b>		
Q11.	What are the various careers option in physical education? Explain teaching career?	

Q12.

**Assertion Reason Type Questions:**

Each of the following questions consists of two statements labelled Assertion (A) and Reason (R), and has following four choices (a), (b), (c) and (d).

- 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

In the context of the given statements, which one is correct answer?

- 1) **Assertion (A):** Physical Education is an integral part of the education system.  
**Reason (R):** The aim of physical education is to make every child physically, mentally and emotionally fit and also to develop in him such personal and social qualities which will help him to live happily with others and build him up as a good citizen.
  
- 2) **Assertion (A):** In 1973, Lakshmibai College of Physical Education (LCPE) was renamed to Lakshmibai National College of Physical Education (LNCPE).  
**Reason (R):** LCPE got the status of "Deemed University".
  
- 3) **Assertion (A):** In 1984, the Sports Authority of India (SAI) was established by the Department of Sports, the Government of India.  
**Reason (R):** The SAI undertook the responsibility of maintaining and utilising the grounds which were constructed/renovated for the 1982 Asian Games.
  
- 4) **Assertion (A):** Physical Education is emerging as a fast-growing discipline.  
**Reason (R):** This is reflected by the various courses offered by educational institutions situated in India.
  
- 5) **Assertion (A):** Khelo India Programme was launched by the Ministry of Youth Affairs and Sports, Government of India, in 2019.  
**Reason (R):** Its main objective is to revive the sports culture in India, especially at the grass roots level by building a strong framework for all sports played in our country and establishing India as a great sporting nation.

Q13.

**Case Study / Source Based Integrated:**



(A)



(B)

In relation to pictures, answer the following questions:

a) How many colours does an Olympic flag have?

**Or**

In picture (A), the Olympic flag was created by \_\_\_\_\_ in 1913.

b) In which Olympics was the Olympic flag unfurled?

c) In picture (B), the Olympic motto 'Citius-Altius-Fortius' means \_\_\_\_\_.

d) In which Olympic Games was the Olympic motto introduced or announced for the first time?

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : PAINTING**

**TIME : 01 HOUR**

**MM : 25**

<b>General Instructions:</b>		
a. Section A : Attempt all the questions.		
b. Section B : Attempt any 4 questions in 80 words.		
c. Section C : Attempt all the questions in 200 words.		
<b><u>SECTION – A</u></b>		
<b><u>Multiple Choice Questions</u></b>		
Q1.	Which colour has maximum wavelength? a) Blue b) Red c) Orange d) Indigo	1
Q2.	Colour scheme is related to which limb of art? a) Sadrisyam b) Rupa Bheda c) Varnika Bhanga d) Bhava	1
Q3.	Both major cities of the Indus Valley Civilization – Harappa and Mohanjo-Daro are situated in a) India b) Gujarat c) Pakistan d) Meerut	1
Q4.	Which of the following is the sculpture of the Indus Valley with an elaborate head gear? a) Dancing girl b) Male Torso c) High Priest d) Mother Goddess	1
Q5.	The first ever discovery of rock cave paintings was made in India in 1867-68 AD by an archaeologist named a) Coomar Swamy b) Charles Mason c) Archibald Carlleyle d) Sir Alexander Cunningham	1
<b><u>SECTION – B</u></b>		
<b><u>Short Answer Questions (Do any five)</u></b>		
Q9.	Identify the name of a small bronze statue and write a note on the aesthetical appreciation of the bronze statue from Mohenjo-Daro.	1½
Q10.	Write a note on the 'Terracotta Sculpture' from Mohanjo-daro which is in your course of study. Identify the name of sculpture and also appreciate it aesthetically.	1½

Q11.	Why do you think is art necessary for humans? <b>Or</b> Space is an essential element of art. How? Justify the statement.	1½
Q12.	Appreciate the Male Torso from Indus Valley Civilisation. Also write its medium and approximate time period. <b>Or</b> The Bull seal from Indus Valley is a fine example of animal study. Discuss.	1½
Q13.	Write about the ritualistic dance from Bhimbethaka from your syllabus.	1½
<b><u>SECTION – C</u></b> <b><u>Long Answer Questions (Do any one)</u></b>		
Q17.	Write an essay on the art of Indus Valley. Your answer must include. a) Major sites b) Basic method of metal casting	4
Q18.	“A man paints with his brains and not with his hands”. - Michaelangelo	5
Q19.	Portfolio Assessment.	5

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : BIOLOGY**

**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a. All questions are compulsory.
- b. Section A has 6 questions of one mark each.
- c. Section B has 2 questions of two marks each.
- d. Section C has 2 questions of three marks each.
- e. Section D has 1 case based question four marks.
- f. Section E has one question of 5 marks.
- g. Wherever necessary neat and properly labelled diagram should be drawn.

**SECTION – A**

Q1.	Which of the following organisms can be found in extreme saline conditions? a) Eubacteria b) Archaeobacteria c) Cyanobacteria d) Mycobacteria	1
Q2.	Which of the plant groups needs both land and water to complete their life cycle? a) Tracheophyta b) Pteridophyta c) Thallophyta d) Bryophyta	1
Q3.	In some animal groups, the body is found divided into compartments with serial repetition of at least some organs. This characteristic feature is called a) Segmentation b) Metamerism c) Metagenesis d) Metamorphosis	1
Q4.	Which class has the largest number of animals? a) Fishes b) Reptiles c) Insects d) Mammals	1

	<p>Q.No. 5 to 6 consist of two statements - Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:</p> <p>a) Both Assertion and Reason are true and Reason is the correct explanation of Assertion.</p> <p>b) Both Assertion and Reason are true and Reason is not the correct explanation of Assertion.</p> <p>c) Assertion is true but Reason is false.</p> <p>d) Assertion is false but Reason is true.</p>	
Q5.	<p><b>Assertion:</b> Member of each class of algae exhibit a characteristics colour of the plant body.</p> <p><b>Reason:</b> Members of each class of algae possess are characteristic pigment along with chlorophyll a.</p>	1
Q6.	<p><b>Assertion:</b> The skeleton of sponges is made up of spicules.</p> <p><b>Reason:</b> Composition of spicules help in classification of sponges.</p>	1
<b><u>SECTION – B</u></b>		
Q7.	<p>a) What is meant by nomenclature in biology?</p> <p>b) Write the two codes of nomenclature of living organisms.</p>	2
Q8.	<p>a) Name two common methods of vegetative reproduction in fungi.</p> <p>b) Give the names of 4 classes of fungi.</p>	2
<b><u>SECTION – C</u></b>		
Q9.	Describe binomial nomenclature with an example.	3
Q10.	Write any six characteristics of phylum Arthropoda.	3
<b><u>SECTION – D</u></b>		
Q11.	<p>Algae are chlorophyll-bearing, simple, thalloid, autotrophic and largely aquatic (both fresh water and marine) organisms. They occur in a variety of other habitats: moist stones, soils and wood. Some of them also occur in association with fungi (lichen) and animals (eg, on sloth bear). The form and size of algae is highly variable, ranging from colonial forms like Volvox and the filamentous forms like Ulothrix and Spirogyra.</p> <p>The members of chlorophyceae are commonly called green algae. The plant body may be unicellular, colonial or filamentous. They are usually grass green due to the dominance of pigments chlorophyll a and b. The chloroplasts may be discoid, plate like, reticulate, cup shaped, spiral or ribbon shaped in different species. Most of the members have one or more storage bodies called pyrenoids located in the chloroplasts Green algae usually have a rigid cell wall made of an inner layer of cellulose and an outer layer of pectose.</p> <p>The members of phaeophyceae or brown algae are found primarily in marine habitats. They show great variation in size and form.</p>	4

	<p>They possess chlorophyll a, c, carotenoids and xanthophylls. They vary in colour from olive green to various shades of brown depending upon the amount of the xanthophyll pigment, fucoxanthin present in them Food is stored.</p> <p>1) _____ is the colonial form of algae.  a) Ulothrix  b) Spirogyra  c) Volvox  d) Chara</p> <p>2) _____ are a micro compartment storage bodies located in the chloroplasts of algae.  a) Algin  b) Pyrenoids  c) Carragen  d) Mannitol</p> <p>3) Name the animal which shows mutual association with algae.</p> <p>4) Give reason-Why members of chlorophyceae class are named as green algae?</p>	
<b><u>SECTION – E</u></b>		
Q12.	a) Mention the distinctive characters of cyanobacteria. b) Draw a labelled diagram of a trikon of nostoc.	5

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : ECONOMICS**

**TIME : 1 HOUR**

**MM : 25**

**General Instructions :**

1. This question paper contain two sections:
  - a. Section A – Statistics
  - b. Section B – Micro Economics
2. This paper contains 11 Multiple Choice Questions of 1 mark each.
3. This paper contains 2 Short Answer Type Questions of 3 marks each to be answered in 60 to 80 words.
4. This paper contains 2 Short Answer Type Questions of 4 marks each to be answered in 80 to 100 words.

**Section – A : STATISTICS**

Q1.	Distrust of statistics is due to: <ol style="list-style-type: none"> <li>a) Misuse of statistics</li> <li>b) Insufficient of statistical method</li> <li>c) Aggregate of useless facts</li> <li>d) Aggregate of unrelated facts</li> </ol>	1												
Q2.	<p><b>Assertion (A) :</b> Census method is also known as 100% enumeration.</p> <p><b>Reason (R) :</b> Data is collected from each and every element of the population under census method.</p> <ol style="list-style-type: none"> <li>a) Both A and R are true and R is the correct explanation of A.</li> <li>b) Both A and R are true but R is not the correct explanation of A.</li> <li>c) A is true but R is false.</li> <li>d) A is false but R is true.</li> </ol>	1												
Q3.	Match the statements: <table border="1" style="margin: 10px auto; border-collapse: collapse; width: 80%;"> <thead> <tr> <th style="width: 50%; text-align: center;">(A)</th> <th style="width: 50%; text-align: center;">(B)</th> </tr> </thead> <tbody> <tr> <td>1. Prof. Lionel Robbins</td> <td>a. Prof. Snuelson</td> </tr> <tr> <td>2. Economic Acuties</td> <td>b. Unlimited</td> </tr> <tr> <td>3. Growth Oriented Definition</td> <td>c. Activites performed out of love, sympathy, etc.</td> </tr> <tr> <td>4. Human wants</td> <td>d. Scarcity definition</td> </tr> <tr> <td>5. Non-Economic Activities</td> <td>e. Activities undertaken to earn a living.</td> </tr> </tbody> </table>	(A)	(B)	1. Prof. Lionel Robbins	a. Prof. Snuelson	2. Economic Acuties	b. Unlimited	3. Growth Oriented Definition	c. Activites performed out of love, sympathy, etc.	4. Human wants	d. Scarcity definition	5. Non-Economic Activities	e. Activities undertaken to earn a living.	1
(A)	(B)													
1. Prof. Lionel Robbins	a. Prof. Snuelson													
2. Economic Acuties	b. Unlimited													
3. Growth Oriented Definition	c. Activites performed out of love, sympathy, etc.													
4. Human wants	d. Scarcity definition													
5. Non-Economic Activities	e. Activities undertaken to earn a living.													

Q4.	Statement 1: Statistics in plural sense is descriptive in nature. Statement 2: A high degree of accuracy is not insisted upon in statistics as mass of data is involved. a) Both statements are true. b) Both statements are false. c) Statement 1 is true Statement 2 is false. d) Statement 2 is true Statement I is false.	1
Q5.	Data selected from "The Times of India" is an example of a) Primary Data b) None c) Secondary Data d) Census	1
<b>Short Answer Question:</b>		
Q6.	Deference between Primary data and Secondary data? <b>Or</b> What is Telephonic Interview mention its merits & demerits.	3
<b>Short Answer Question:</b>		
Q7.	a) Explain the limitation of statistics? b) Define statistics in singular sense?	4
<b><u>SECTION – B : MICRO ECONOMICS</u></b>		
Q8.	Ramesh is working at a salary of Rs. 35,000 per month. He receives two job offers (i) To work as an accountant at a salary of Rs. 30,000 (ii) To work as a sales manager at a salary of Rs. 25,000 per month. In the given case, his opportunity cost will be: a) Rs. 25,000 b) Rs. 30,000 c) Rs. 35,000 d) Rs. 65,000	1
Q9.	Positive Economic analysis is concerned with: a) Opinions b) Value judgements c) Facts & Figures d) Ideals	1
Q10.	<b>Assertion (A):</b> Budget line is a narrower concept as compared to Budget set. <b>Reason (R):</b> The bundles of budget set lie only on the budget line.  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	1

Q11.	Market rate of exchange also denotes: a) Scope of PPC b) Scope of indifference c) Scope of budget line d) None of these	1
Q12.	<b>Statement 1:</b> Production possibility frontier will shift towards left when there is decrease in resources with respect to Both the goods. <b>Statement 2:</b> An economy cannot operate at any point outside production possibility frontier as it is unattainable with the available productive capacity. a) Both statements are true. b) Both statements are false. c) Statement 1 is true Statement 2 is false. d) Statement 2 is true Statement 1 is false.	1
Q13.	A consumer consumes only two goods X & 4 whose price are Rs. 3 and Rs. 4 per unit respectively. If the consumer chooses a combination of two goods with marginal utility of X equal to 4 & that of 4 equal to 3, is the consumer in equilibrium, then the consumer will: a) Buy more units of both, X & 4. b) Buy more units of 4 and less of X. c) Buy more units of X and less of 4. d) Buy less units of both, X & 4.	1
<b>Short Answer Questions:</b>		
Q14.	a) Why is production possibility curve concave? Explain. b) Explain central problem related to 'For whom to produce'?	3
<b>Short Answer Questions:</b>		
Q15.	If laws of Diminishing Marginal utility does not operate, then what would happen in case of equilibrium in two commodity model under cardinal approach?	4

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : MATHEMATICS (APPLIED)**

TIME : 01 HOUR

MM : 25

**General Instructions:**

Read the following instructions very carefully and strictly follow them.

- a) The question paper is divided into 5 sections A, B, C, D and E.
- b) Section A consists of 5 MCQ's and 1 Assertion – Reason of 1 mark each.
- c) Section B consists of 2 questions of 2 marks each.
- d) Section C consists of 2 questions of 3 marks each.
- e) Section D consists of 1 question of 5 marks each.
- f) Section E consists of 1 case study with 3 sub parts of 01, 01 and 02 marks respectively.

**SECTION – A**

Q1.	Characteristic of $\log 0.0003798$ is a) 3 b) 7 c) 7 d) None of these	1
Q2.	The value of $2^+$ a) 4 b) 1 c) 3 d) 0	1
Q3.	In a day, how many times is a right angle formed between minute hand and hour hand? a) 11 b) 33 c) 22 d) 44	1
Q4.	The maximum gap between two successive leap years is a) 4 b) 12 c) 8 d) None of these	1
Q5.	If $A = \{a, b\}$ and $B = \{x, y, z\}$ then the number of relations from B to A is a) 9 b) 8 c) 64 d) None of these	1

	<p><b>Question No. 6 is Assertion and Reason based questions. Two statements are given, one labelled as Assertion (A) and the other is labelled as Reason (R). Select the correct answer to these questions from the codes (A), (B), (C) and (D) as given below.</b></p> <p>a) Both A and R are true, and R is the correct explanation of A.</p> <p>b) Both A and R are true, but R is not the correct explanation of A.</p> <p>c) A is true but R is false.</p> <p>d) A is false but R is true.</p>	
Q6.	<p><b>Assertion (A) :</b> The empty set is a subset of every set.</p> <p><b>Reason (R) :</b> A set with no element is called a null set.</p>	1
<b><u>SECTION – B</u></b>		
Q7.	The average of 25 observations is 27. If one of the observation is included, the still remains 27. Find the included observation.	2
Q8.	Find the value of x.	2
<b><u>SECTION – C</u></b>		
Q9.	If $2^x = 3^y = 12^{-z}$ , prove that $x =$	3
Q10.	A and B can dig a pond in 20 days. They work together for 8 days and then B leaves the work. How long will A take to finish the work if A alone can dig the pond in 30 days?	3
<b><u>SECTION – D</u></b>		
Q11.	If 15 February 2010 was Monday. What was the day on 10 January 2006?	5
<b><u>SECTION – E</u></b>		
Q12.	<p><b>Case Based Study Question:</b></p> <p>There are 200 individuals with a skin disorder; 120 had been exposed to the chemical <math>C_1</math>, 50 to the chemical <math>C_2</math> and 30 to both the chemical <math>C_1</math> and <math>C_2</math>. Find the number of individuals exposed to</p> <p>a) Chemical <math>C_1</math> but not chemical <math>C_2</math>.</p> <p>b) Chemical <math>C_2</math> but not chemical <math>C_1</math>.</p> <p>c) Chemical <math>C_1</math> or chemical <math>C_2</math>.</p>	<p>1</p> <p>1</p> <p>2</p>



**SECTION – C**

Q9.	Write the following sets in the roster form. a) $A = \{x : x \text{ is a positive integer less than } 10 \text{ \& } 2^x - 1 \text{ is an odd integer.}\}$ b) $C = \{x : \{x^2 + 7x - 8 = 0, x \in \mathbb{R}\}\}$	3
Q10.	Given $R = \{(x, y) : x, y \in \mathbb{W}, x^2 + y^2 = 25\}$ . Find the domain and range of R.	3

**SECTION – D**

Q11.	Prove that : $\cos^2 x + \cos^2 \left( x + \frac{\pi}{3} \right) + \cos^2 \left( x - \frac{\pi}{3} \right) = \frac{3}{2}$ <p style="text-align: center;"><b>Or</b></p> $\tan x = \frac{3}{4}, \pi < x < \frac{3\pi}{4}, \text{ find the value of } \sin \frac{x}{2}, \cos \frac{x}{2}, \tan \frac{x}{2}.$	5
------	--	---

**SECTION – E**

Q12.	<p><b>Case Study Based Question:</b> Rahul is setting up smart devices in his home. The working of some sensors uses complex numbers to represent signals. Two signals from different sensors are represented as: <math>Z_1 = 3 + 4i</math> and <math>z_2 = 1 - 2i</math> He wants to perform some operations on these signals to ensure proper syncing of devices. Based on information answer the following questions.</p> <p>a) Find the inverse of <math>z_1</math>. b) Find the modulus of <math>z_2</math>. c) Verify <math>z_1 \cdot \overline{z_1} =  z_1 ^2</math></p>	1
------	---	---

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : PSYCHOLOGY**

**TIME : 01 HOUR**

**MM : 25**

**General Instructions:**

- a. All questions are compulsory.
- b. The question paper consists of 4 sections A, B, C, and D
- c. Section A contains Multiple Choice Questions (MCO) 1 mark each.
- d. Section B contains Very Short Answer Type questions (2 marks each and should not be exceed 15 to 20 words).
- e. Section C contains Short Answer Type questions (3 marks each and should not be exceed 60 words.)
- f. Section D contains Case-Based Questions (5 marks each and should not be exceed 30 to 40 words)
- g. Answer all questions clearly and legibly.

**SECTION – A**

Q1.	Psychology is the scientific study of a) Human behaviour b) Mind and behaviour c) Human emotions d) Human feelings	1
Q2.	When we think or try to solve a problem we use our _____. a) Behaviour b) Work place c) Mental Process d) Environment	1
Q3.	The concept of "introspection" is closely associated with: a) Sigmund Freud b) Wilhelm Wundt c) Carl Rogers d) Ivan Pavlov	1
Q4.	The theory of "Classical Conditioning" was developed by: a) B.F. Skinner b) Albert Bandura c) John Watson d) Ivan Pavlov	1
Q5.	The term "gestalt" refers to: a) Whole perception. b) A mental disorder c) Reflex actions d) Unconscious mind	1

<b><u>SECTION – B</u></b>		
Q6.	Define psychology.	2
Q7.	What is the main idea of the Humanistic perspective in psychology?  Or Mention two types of research methods used in psychology.	2
Q8.	Give a short note on development of psychology in India.	2
<b><u>SECTION – C</u></b>		
Q9.	Describe the concept of "motivation" and give one example of an intrinsic motivator.  Or Give a brief account of the evolution of psychology.	3
Q10.	Explain the method of observation used in psychological research.	3
Q11.	<b>Assertion (A):</b> Psychology is concerned with the study of behaviour and mental processes. <b>Reasoning (R):</b> Riya's observed about people's emotions and actions are examples of psychological inquiry. Options: 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.	3
<b><u>SECTION – D</u></b>		
Q12.	<b><u>Case Study 1</u></b> Ravi, a 14-year-old student, finds it difficult to focus on his studies because he feels overwhelmed by his schoolwork. His parents observe that he avoids studying by engaging in video games. His teacher suggests he try "self-regulation" techniques to improve his focus and overcome distractions. Question: a) Identify the psychological concept related to Ravi's difficulty in focusing. b) How can self-regulation techniques help Ravi?  Or <b><u>Case Study 2</u></b> An experiment was conducted where a group of children was shown a video demonstrating kindness, while another group watched a video about aggression. Later, the children were observed in their playground activities. The results showed that children who watched the kindness video displayed more cooperative behaviors. Question: a) What type of research method is used in this study? b) What does this experiment suggest about the influence of media on behavior?	5

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**  
**SUBJECT : COMPUTER SCIENCE**

**TIME : 70 MINUTES**

**MM : 25**


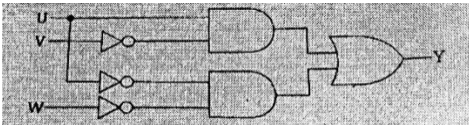
<b><u>SECTION – A</u></b>		
Q1.	In a keyboard, left-right-up down set of keys facilitates which among the following functions? a) Initiating Search and Help b) Launching Start Menu c) Page Scrolling to view a Document d) Deleting Data or Modification	1
Q2.	Which among the following is an important circuitry in a computer system that directs the operation of the processor? a) Address Bus b) Control Unit c) Memory d) Accumulator	1
Q3.	It is used to produce large drawings or images such as construction plans, blueprints for mechanical object etc. a) Plotter b) Printer c) MICR d) OCR	1
Q4.	Which of the following is the type of software that controls the internal operations in the computer and controls how the computer works well all its parts? a) Public domain software b) Application software c) Operating system software d) Shareware	1
Q5.	<b>Assertion (A):</b> An operating system is an example of system software. <b>Reason (R):</b> System software is a type of software that controls the hardware components of a computer and provides a platform for application software to run. 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.	1
<b><u>SECTION – B</u></b>		
Q6.	Name the components of a computer system.	2
Q7.	Convert $(DE)_{16}$ to $( )_2$ .	2

Q8.	Following codes are given in ASCII format Encode them in general form. 1000100 1000001 1010100 1000001	2
-----	---	---

**SECTION – C**

Q9.	Differentiate between GUI and CUI.	3
-----	------------------------------------	---

Q10.	Verify the following using truth table $X+Y.Z = (X + Y) . (X+Z)$	3
------	--	---

Q11.	<p><b>Read the text carefully and answer the questions:</b></p> <p>Logic gate is simply an electronic circuit, which operates on one or more input signals to produce an output signal. Logic gates can be constructed from diodes, transistors and resistors connected in such a way that circuit output is the result of basic logic operations (OR, AND, NOT) performed on the inputs.</p> <p>a) Logic gates can be constructed from which component(s)?  b) Which logic gate is represented by following symbol?</p>  <p>c) Write equivalent Boolean expression for the following logic circuit:</p> 	3
------	--	---

**SECTION – D**

Q12.	<p>Do as directed</p> <p>a) Convert the Decimal number 736 into Hexadecimal number.  b) Convert the Octal number 246.45 into Hexadecimal number.  c) Convert the Hexadecimals number ABEC into Octal number.  d) Convert the Octal number 576 to Decimal.  e) Convert tire Hexadecimal number A5C1 to Decimal.</p>	5
------	--	---

**SHARDEIN SCHOOL**  
**UNIT-I EXAMINATION (2025-26)**  
**CLASS – XI**

**SUBJECT : HINDUSTANI VOCAL MUSIC**

**TIME : 01 HOUR**

**MM : 15**

नोट – सभी खण्ड कीजिए।		
खण्ड – 'क'		
प्र०1.	सात स्वरों के क्रमानुसार समूह को क्या कहते हैं? अ) अलंकार स) मुर्छना	ब) सप्तक द) ख्याल
प्र०2.	आरोह व अवरोह सात-सात स्वर प्रयोग किये जाने वाले राग की जाति कहलाती है। अ) सम्पूर्ण-सम्पूर्ण स) षाडव – षाडव	ब) औडव-औडव द) औडव – सम्पूर्ण
प्र०3.	किस थाट या राग में रे, ग, ध, नि कोमल स्वरों का प्रयोग किया जाता है? अ) मारवा स) पूर्वी	ब) असावरी द) भैरवी
खण्ड – 'ख'		
प्र०4.	नाद क्या है? और कितने प्रकार के होते हैं? अथवा श्रुति की परिभाषा व प्रकार लिखिए।	2
प्र०5.	संगीत के लय का क्या महत्व है। समझाइये। अथवा गायन वादन व नृत्य में ताल का महत्व समझाइये।	2
प्र०6.	सप्तक मुख्य रूप से कितने प्रकार के होते हैं? अथवा स्वर कितने प्रकार के होते हैं व एक सप्तक में कुल कितने स्वर होते हैं? समझाइये।	2
खण्ड – 'ग'		
प्र०7.	मार्गी और देशी संगीत क्या है? अथवा विष्णु नारायण भातखण्डे जी के दस थाटों का उल्लेख कीजिए।	3
प्र०8.	राग की परिभाषा व राग के लक्षण लिखिए। अथवा लय और लय के प्रकारों का वर्णन कीजिए।	3