

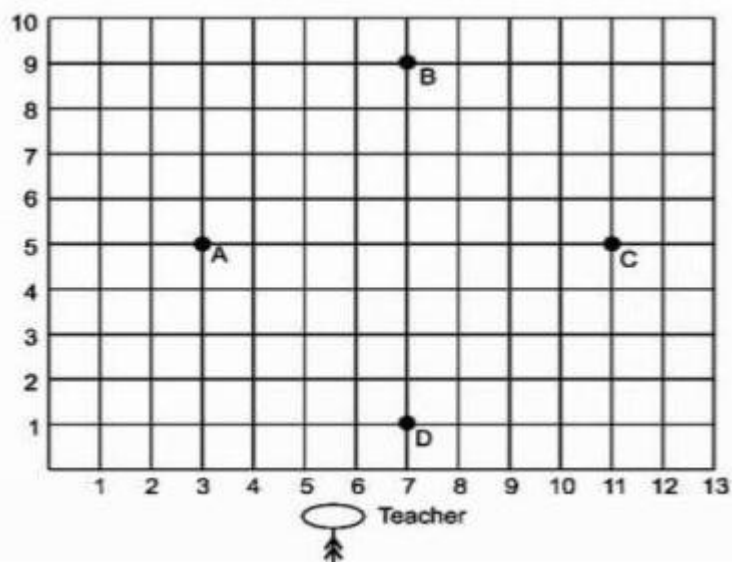
SECTION – C

Q9.	If $a = \sqrt{2} + 1$, then find the value of $a - \frac{1}{a}$. <p style="text-align: center;">Or</p> If $\frac{(4 + 3\sqrt{5})}{(4 - 3\sqrt{5})} = a + b\sqrt{5}$. find a and b.	3
Q10.	If two parallel lines are intersected by a transversal then prove that the bisectors of any pair of corresponding angles are parallel.	3

SECTION – D

Q11.	Simplify: $\frac{1}{3 + \sqrt{7}} + \frac{1}{\sqrt{7} + \sqrt{5}} + \frac{1}{\sqrt{5} + \sqrt{3}} + \frac{1}{\sqrt{3} + 1}$	5
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SECTION – E
(Case Based Study Questions)

Q12.	<p>Students of a school are standing in rows and columns in their playground for a drill practice. A, B, C and D are the positions of four students as shown in the figure.</p>  <p>Based on above data answer the following questions.</p> <p>a) What are the coordinates of A and B respectively?</p> <p>b) What are the coordinates of C and D respectively?</p> <p>c) What is the distance between B and D?</p> <p style="text-align: center;">Or</p> <p>What is the distance between A and C?</p>	1 1 2
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SHARDEIN SCHOOL
UNIT-I EXAMINATION (2025-26)
CLASS – IX
SUBJECT : SOCIAL SCIENCE

TIME : 01 HOUR

MM : 25

Note: Attempt all the questions.		
<u>SECTION – A</u> (Multiple Choice Questions)		
Q1.	What was tithes? a) A tax levied by the Church b) A tax levied by the king c) Unit of currency in France d) None of these	½
Q2.	The Tropic of Cancer does not pass through. a) Rajasthan b) Chhatisgarh c) Odisha d) None of these	½
Q3.	A landmass bounded by the sea on three sides is referred to as. a) Coast b) Island c) Peninsula d) None of these	½
Q4.	Democracy is a form of government in which rulers are elected by the _____. a) President b) Singal Party c) People d) Monarch	½
Q5.	What is the most important economic activity of the villagers? a) Farming b) Manufacturing c) Service d) All of the above	½
<u>SECTION – B</u> (Very Short Answer Type Questions)		
Q6.	What was Taille?	2
Q7.	What is the earternmost longitude of India?	2
Q8.	What do you mean by referendum?	2
Q9.	What is production? Give an example.	2
<u>SECTION – C</u> (Short Answer Type Questions)		
Q10.	Write a short note on The Great Indian Desert. Or Give an account of Northern Plains of India.	2.5

<u>SECTION – D</u> (Long Answer Type Questions)		
Q11.	Discuss the causes of the French Revolution of 1789.	3
Q12.	What are the most common ways of increasing production on a given piece of land? (Any 3 points) Or What are the advantages and disadvantages of Green Revolution (Any 3 points)	3
<u>SECTION – E</u> (Source Based Questions)		
Q13.	<p>Read the extract and answer the following questions:</p> <p>In China, elections are regularly held after every five years for electing the Countries Parliament, called National People’s Congress. The National People Congress has the power to appoint the President of the country. It has nearly 3000 members elected from all over the country (China). Some members elected by the army. Before contesting elections, a candidate needs the approval of the Chinese Communist Party.</p> <p>1) Before contersting elections in China, a candidate needs approval of _____.</p> <p>a) President b) Chinese Communist Party c) Parliament d) None of these</p> <p>2) The National People’s Congress is the parliament of _____.</p> <p>a) China b) India c) Nepal d) None of these</p> <p>3) In China elections are held every _____.</p> <p>a) 2 years b) 4 years c) 5 years d) 6 years</p>	3
<u>SECTION – E</u> (Map Skills)		
Q14.	On the given political map of India locate the following: a) The eastern and the westernmost longitude in degree. b) The island groups of India lying in. 1. The Arabian Sea 2. The Bay of Bengal	3

SHARDEIN SCHOOL
UNIT-I EXAMINATION (2024-25)
CLASS – IX
SUBJECT : ENGLISH

TIME : 01 HOUR

MM : 25

SECTION – A : READING

Q1- Read the passage given below.

1. Concern about the effects of television on children has centred exclusively upon the contents of the programmes which children watch. Social scientists and researchers do complex and ingenious experiments to find out whether watching violent programmes make children behave aggressively. But is it easy to overlook the simple fact that one is always just watching television when sitting in front of the screen rather than having any other experience?
2. Parents who are deeply troubled about the effects of television upon their children have centred their concern on the subject matter of the programmes. A group called Action for Children's Television (ACT) was formed in the USA not only to reduce the amount of violence in programmes but also to protest against incessant commercial breaks which encouraged children to crave for fashionable toys and unhealthy foods. One of its founders described its aim"parents have the rights to ask that programmes aimed at the young should meet the specific needs of children. But is it the needs of children which are at stake when parents demand better programmes? Surely the fact that young children watch so much television reflects the needs of parents to find a convenient source of amusement for their offspring and a period of quiet for themselves, Their anxieties about the possible ill-effects of those hours of passive, quiet viewing are lessened if the time spent at least seems to be educational.
3. The real needs of young children are quite different. They need to develop initiative and to find out things for themselves; television provides answers too easily. Children need to acquire fundamental skills of communication, television retards verbal development because the child is silent while watching it. Television discourages the sort of games that enable the young to discover their strengths and weaknesses, with the result that as adults they will be less fulfilled. Their need for fantasy is gratified far better by their own make-believe activities than by the adult-made fantasies offered on television. Intellectual stimulation is provided more completely by manipulating, touching and doing than by passively watching and listening.
4. Oddly enough, the television industry, though often cynical and self-serving in its exploitation of children, sometimes unknowingly serves their best interests. Because television offers cheap junk programmes, conscientious parents do in fact limit their children's viewing when such undesirable programmes are the only ones available.

Answer the following questions, based on the above passage. (5)

- a) What does the writer want to convey about watching T.V. from the question in paragraph 1. Select the correct option.
 - a. Approval
 - b. Disapproval
 - c. Surprise
 - d. Endorsement
- b) Complete the following analogy with a word from para 3.
reality : _____ : : sky : earth
- c) In the context of the passage evaluate the writer's stand on watching T.V. by children.
- d) State whether the following statement is True or False.
Television industry promotes the interests of children.
- e) Give one reason for parents allowing their children to continue watching T.V.

SECTION – B : WRITING & GRAMMAR

- Q2. Your school is organizing an Inter-House webinar on enhancing coding skills, As the President of the Computer Club. Write a notice to inform all House members from IX – XII about the webinar and specify the number of registrations invited per house. Include other necessary details. Put your notice in a box. (Word Limit : 50) (2)
- Q3. You are Ravi / Raveena of Class IX and you have received an e-mail from International Mathematics Olympiad Committee informing you that you have been lucky enough to win 10th rank at International level. You feel excited to write a letter to your friend Simmy / Sunny sharing your happiness with her / him as well as telling how you prepared for this exam. Write this letter in 100 – 120 words. (4)
- Q4. Fill in the blanks with suitable verb form and the best word from the given options: (2)
Life is (a) _____ (both / so / therefore / then) a sad and a joyful experience. (b) _____ (All / Many / Much / Every) one undergoes these experiences in his life. But these (c) _____ (is / am / are / was) great for the eldest one in (d) _____ (the / a / an / no article) family.
- Q5. Re-arrange the following words and phrases to form meaningful sentences. (2)
- a) 12,000 species / all over / there are / of ants / the world / more than
 - b) or group / who live in / social insects / they are / small colonies

SECTION – C : LITERATURE

Q6. Read the following extract and answer the questions. (4)

And here and there a foamy flake
Upon me, as I travel
With many a silvery waterbreak
above the golden gravel

Questions:

- a) Name the poem and poet.
- b) What happens when the brook reaches up to this stage?
- c) Where is the brook going?
- d) How is the brook, life-supporting?

Q7. Answer the following questions in about 30 – 40 words. (6)

- a) Why did the grandmother touch her grand daughter's feet?
- b) Describe how Hooper could walk with Duke's help after the beginning had been made.
- c) What is the main dilemma of the poet in the poem "The Road Not Taken"?


SHARDEIN SCHOOL
UNIT-I EXAMINATION (2025-26)
CLASS – IX
SUBJECT : SCIENCE

TIME : 01 HOUR

MM : 25

<u>General Instructions :</u>		
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

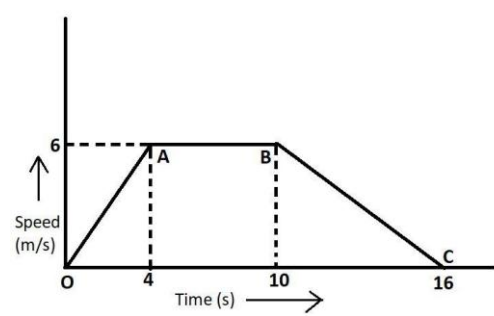
Q1.	Which of the following causes the temperature of a substance to remain constant while it is undergoing a change in its state? a) Latent heat b) Lattice energy c) Loss of heat d) None of these	1
Q2.	From the given v-t graph, it can be inferred that the object is <div style="text-align: center;">  <p>The graph shows velocity (v) on the vertical axis and time (t) on the horizontal axis. A horizontal red line is drawn at a constant positive velocity value, indicating that the object is moving with uniform motion.</p> </div> a) in uniform motion b) at rest c) in non-uniform motion d) moving with uniform acceleration	1
Q3.	Which type of cells lack a well-defined nucleus? a) Prokaryotic cells b) Eukaryotic cells c) Plant cells d) Animal cells	1
Q4.	Which of the following substances does not show the property of sublimation? a) Iodine b) Camphor c) Naphthalene d) Copper	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. b) If both Assertion and Reason are correct but Reason is not a correct explanation of the Assertion. c) If the Assertion is correct but Reason is incorrect. d) If the Assertion is false and Reason is true.</p>	
Q5.	<p>Assertion (A) : ice is float on water. Reason (R) : ice is solid in nature.</p>	1
Q6.	<p>Assertion (A) : The endoplasmic reticulum which lacks ribosomes is called smooth endoplasmic reticulum. Reason (R) : SER is mainly involved in protein synthesis.</p>	1
<u>SECTION – B</u>		
Q7.	<p>Give reasons for the following:</p> <p>a) On heating water for some time, it is observed that at one specific point the temperature of water does not increase and water starts boiling. Why? b) Camphor or naphthalene balls are used for storing silk and woollen clothes. Why?</p> <p style="text-align: center;">Or</p> <p>We can easily pick a spoonfull of water from a bowl of water However, to scoop some jam from a jar, it takes some effort what does this tell us about the particles of water and jem?</p>	2
Q8.	<p>Why are lysosomes known as suicide bags? Or Anuj 30 year old is wandering about mitosis .can you resolve his doubt come up with three different situations. I have a fully grown body now Do I need mitosis?</p>	2
<u>SECTION – C</u>		
Q9.	<p>The odometer of a car reads 2000 km at the start of a trip and 2400km at the end of the trip If the trip took 8 h, calculate the average speed of the car in km/h and m/s. Or An athlete is running a 40 km marathon. He starts strong, converting the first 20 km at a speed of 10 km/hour, but then slows down to 5 km/hour for the remaining 20 km due to fatigue what is the average speed of athletes over the entire marathon?</p>	3
Q10.	<p>Water as ice has a cooling effect, where as water as steam may cause severe burns. Explain.</p>	3

SECTION – D

Q11.	<p>a) Why the following substances are need to be transported? Water, carbon dioxide, Oxygen gas, glucose, amino acid, fatty acids.</p> <p>b) Why are flowers not as hard as the stem of the plant?</p> <p style="text-align: center;">Or</p> <p>a) What is the energy currency of the cell? Write it in expanded form. Which cell organelle is related to the energy currency?</p> <p>b) Differentiate between mitosis and meiosis.</p>	5
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SECTION – E

Q12.	<p>Aditya started driving his car. He increases the speed till 4 seconds and then he kept his car in constant speed for 6 seconds. Then after he decreased the speed of the car upto another 6 seconds. After reaching at the starting place, he draws the speed-time graph of his 16 seconds driving as shown below:</p> <div style="text-align: center;"></div> <p>1. What type of motion is represented by OA? a) uniform velocity b) uniform acceleration c) negative acceleration d) no acceleration</p> <p>2. What type of motion is represented by BC? a) uniform velocity b) uniform acceleration c) negative acceleration d) no acceleration</p> <p>3. Find out the acceleration of the body. a) 1.5 m/s^2 b) 2 m/s^2 c) 3 m/s^2 d) 1 m/s^2</p> <p>4. Calculate the retardation of the body. a) 1.5 m/s b) 2 m/s^2 c) 3 m/s^2 d) 1 m/s^2</p> <p style="text-align: center;">Or</p> <p>Find out the distance travelled by the body from A to B.</p> <p>a) 15 m b) 30 m c) 36 m d) 60 m^5</p>	4
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SHARDEIN SCHOOL
UNIT-I EXAMINATION (2025-26)
CLASS – IX
SUBJECT : MARKETING & SALES

TIME : 01 HOUR

MM : 25

<u>General Instructions :</u>		
a. Attempt all the questions from both sections.		
<u>SECTION – A</u> (Employability Skill)		
<u>Multiple Choice Questions:</u>		
Q1.	Who interpreted the message conveyed by a sender? a) Sender b) Receiver	c) Audience d) Organiser
Q2.	Explain verbal communication in one line.	
		1
<u>Subjective Type Questions:</u>		
Q3.	Define the term communication?	1½
Q4.	Write all four types of sentences?	1½
<u>SECTION – B</u> (Marketing & Sales)		
<u>Multiple Choice Questions:</u>		
Q5.	What is the primary focus of product concept in marketing? a) Building customer relationship b) Understanding market trends and demands c) Emphasizing product, quality and features d) Minimising production cost	1
Q6.	The end user of the product is a) Customer b) Consumer c) Buyer d) Reseller	1
Q7.	Which of the following is an example of product market? a) A grocery store selling various food items. b) The stock market, where shares of companies are traded c) A factory producing machinery for other business d) All of the above	1
Q8.	_____ is an act of obtaining a desired product or services from someone by offering something in return.	1
Q9.	True / False. The characteristic of services of not include intelligibility and perishability.	1

Subjective Type Questions:

Q10.	Define virtual market?	2
Q11.	Difference between direct and indirect competition?	2
Q12.	Explain any three characteristics of service.	3
Q13.	Explain importance of sale organisation.	3
Q14.	Explain all four marketing concepts with proper example.	5

SHARDEIN SCHOOL
UNIT-I EXAMINATION (2025-26)
CLASS – IX
SUBJECT : HINDI

TIME : 01 HOUR

MM : 25

सामान्य निर्देश: <ul style="list-style-type: none">– सभी प्रश्न करने अनिवार्य हैं।– उत्तर लिखते समय मात्राओं का ध्यान रखें।– उत्तर स्पष्ट व सुंदर अक्षरों में लिखें।– सुंदर लेखन के लिए अलग से अंक निर्धारित किए जाएंगे।		
प्र०1.	<p>निम्नलिखित अपठित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।</p> <p>“हंसी शरीर के स्वास्थ्य का शुभ संवाद देने वाली है। वह एक साथ ही शरीर और मन दोनों को प्रसन्न करती है। पाचन शक्ति बढ़ाती है, रक्त को चलाता है और अधिक पसीना लाती है। हंसी एक शक्तिशाली दवा है। डॉक्टर ह्यूड के अनुसार आनंद से बढ़कर बहुमूल्य वस्तु मनुष्य के पास और नहीं है। कारलाइड के मतानुसार जो जी से हंसता है, वह कभी बुरा नहीं होता। जी से हंसो, तुम्हें अच्छा लगेगा। अपने मित्र को हंसाओ, वह अधिक प्रसन्न होगा। शत्रु को हंसाओ, तुम से कम घृणा करेगा। एक अनजान को हंसाओ, तुम पर भरोसा करेगा। उदास को हंसाओ उसका दुख घटेगा। एक निराश को हंसाओ, उसकी आशा बढ़ेगी। एक बूढ़े को हंसाओ, वह अपने को जवान समझेगा। एक बालक को हंसाओ, उसके स्वास्थ्य में वृद्धि होगी। हंसी सबको भली लगती है। जो मनुष्य हंसते नहीं उनसे ईश्वर बचावे। प्रसन्न लोग कोई बुरी बात नहीं करते। हंसी बैर और बदनामी की शत्रु है और भलाई की सखी है। जहाँ तक बने, हंसी से आनंद प्राप्त करो।”</p> <p>प्रश्न:</p> <ol style="list-style-type: none">1. हंसी अच्छे स्वास्थ्य की संवाद है क्योंकि उससे<ul style="list-style-type: none">क) मन में खुशी बनी रहती है।ख) मनुष्य चुस्त रहता है।ग) मनुष्य हास-परिहास में व्यस्त रहता है।घ) एक साथ शरीर और मन दोनों प्रसन्न रहते हैं।2. हंसी एक शक्तिशाली दवा होती है क्योंकि उससे<ul style="list-style-type: none">क) शरीर में हल्का पन रहता है।ख) मन प्रसन्न बना रहता है।ग) पाचन शक्ति में वृद्धि के साथ श्वास प्रक्रिया दुरुस्त रहती है।घ) शरीर और मन दोनों शांत रहते हैं।3. कारलाइड के अनुसार वह बुरा नहीं होता जो—<ul style="list-style-type: none">क) कभी नहीं हंसताख) हर बात पर हंसता हैग) जी से हंसता हैघ) मित्र के साथ ही हंसता बोलता है4. गद्यांश के आधार पर बताइए कि हंसी किसकी सखी है?	4

प्र०2.	<p>दिए गए प्रश्नों में से किसी एक प्रश्न का उत्तर दीजिए।</p> <ol style="list-style-type: none"> 1. अपने क्षेत्र में पार्क विकसित कराने के लिए अपने नगर विकास प्राधिकरण के सचिव को पत्र लिखिए। 2. "ऑनलाइन शॉपिंग के लाभ व हानि" विषय पर अनुच्छेद लिखिए। (60 स 80 शब्दों में) 	3
प्र०3.	<p>निर्देशानुसार उत्तर दीजिए।</p> <ol style="list-style-type: none"> 1. 'निराधार' शब्द में उपसर्ग व मूल शब्द बताइए। 2. 'सम्मानित' शब्द में मूल शब्द व प्रत्यय बताइए। 3. 'हस्त से लिखित' समास विग्रह का समस्त पद बनाते हुए समास का नाम भी बताइए। 4. 'माता-पिता' समस्त पद का समास विग्रह करते हुए समास का नाम भी बताइए। 	4
प्र०4.	<p>पठित पद्यांश का ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर दीजिए।</p> <p>"मोको कहाँ ढूँढे, मैं तो तेरे पास में। ना मैं देवल ना मैं मसजिद, ना काबे कैलास में। ना तो कौने क्रिया-कर्म में, नहीं योग बैराग में। खोजी होय तो तुरतै मिलिहाँ, पल भर की तालास में। कहैं कबीर सुनो भाई साधो, सब स्वाँसी की स्वाँस में।"</p> <ol style="list-style-type: none"> 1. 'मोको कहाँ ढूँढे बंदे', मैं तो तेरे पास में। इस पंक्ति में 'मैं' किसके लिए प्रयुक्त हुआ है? 2. कबीर के अनुसार ईश्वर का वास कहाँ पर है? 3. मनुष्य ईश्वर को कहाँ-कहाँ खोज रहा है? 	3
प्र०5.	<p>निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लिखिए। (शब्द सीमा - 25 से 30)</p> <ol style="list-style-type: none"> 1. 'दो बैलों की कथा' पाठ के आधार पर सिद्ध कीजिए कि मोती की अपेक्षा हीरा अधिक सहनशील था। 2. 'दो बैलों की कथा' पाठ में बैलों के माध्यम से कौन-कौन से नीति विषयक मूल्य उभरकर आए हैं? 3. डांडे के देवता का मंदिर कहाँ पर स्थित था तथा उसे किस प्रकार सजाया गया था? 	4
प्र०6.	<p>निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लिखिए। (शब्द सीमा - 25 से 30)</p> <ol style="list-style-type: none"> 1. कबीरदास जी के अनुसार संसार में सच्चा संत कौन कहलाता है? 2. कबीरदास जी के अनुसार ज्ञान की आँधी आने पर भक्त के जीवन पर क्या प्रभाव पड़ता है? 3. किसी भी व्यक्ति की पहचान उसके कुल से होती है या उसके कर्मों से? तर्क सहित उत्तर दीजिए। 	4
प्र०7.	<p>निम्नलिखित प्रश्नों में से किन्हीं एक प्रश्न का उत्तर दीजिए।</p> <ol style="list-style-type: none"> 1. 'इस जल प्रलय' पाठ में 'मृत्यु का तरल दूत' किसे कहा गया है और क्यों? 2. जब लेखक को यह अहसास हुआ कि उसके इलाके में भी पानी घुसने की संभावना है तो उसने क्या-क्या प्रबंध किए? 	3