

**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: English**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Read the passage carefully. Based on your reading, answer the questions that follow:</p> <p>1. Cricket in South Asia is a Carnavalesque, festive game. It carries not merely the baggage of competition and achievement, but is also a participatory cultural event that evokes images of religious festivals, convivial social gatherings, picnics, and theatre. It is now gradually becoming a substitute for war, a means of redeeming self-esteem, and expressing xenophobia, and a breeding ground for bizarre conspiracy theories. No country now loses a game because the other side is better; a country loses only because its cricketers and cricket administrators are under-patriotic, corrupt, greedy, or self-centered.</p> <p>2. Unfortunately for ultra-nationalists and fortunately for the rest, cricket is one game in which the best training, organization, and preparation do not yield corresponding results. It is a subversive game that rebels against the productivity principle on which the world of globalized capitalism is built.</p> <p>Luck plays a major role in the final outcome of a match or series. In this respect, cricket is unlike football, tennis, or chess. The grandeur of cricket and the clichéd reference to its glorious uncertainties come from a cultivated ignorance of this inner contradiction in the game.</p> <p>Cricketers and their fans, not to mention the experts, have to learn to live with the unpredictability without getting overly judgmental or paranoid. All games have some built-in uncertainties, but only cricket has turned the gracious acceptance of this into a measure of character.</p> <p>3. Let us not forget that in cricket the 22 players involved are never on the field at the same time. Consequently, one team may play in full sunshine, while the other may have to play under an overcast sky when the ball begins to swing. One team may bat on a fresh, green pitch, while the other faces a more worn pitch.</p> <p>You can never truly equalize the outer conditions for the two teams. So, a cricketer not merely plays against the opposition, but also against his own fate. That is one reason why it is typically an Indian, or if you prefer, South Asian game.</p> <p>4. This is a cultural region that recognizes the role of destiny in human affairs. All cricketers are superstitious because of the nature of their job. Only South Asians are not embarrassed about it and have unashamedly built ritualized ways of dealing with destiny as a normal part of a cricketer's life.</p> <p>If you want a game where the investment of money, hard training, and</p>	10	Information

ruthless professionalism will predictably yield results, and the results purely reflect skill and talent, you should choose another game.

1- What does the passage suggest about the role of luck in cricket compared to other sports like football and chess?

- A. Luck is less important in cricket than in other sports.
- B. Luck plays a major role in all sports, including cricket.
- C. The role of luck in cricket is exaggerated by players and fans.
- D. Luck is more significant in cricket than in other sports.

2- According to the passage, what could be a reason for cricket's popularity in South Asia in terms of cultural alignment?

- A. The game's alignment with the region's competitive spirit.
- B. Its emphasis on professional training and organization.
- C. The cultural acceptance of destiny and superstition.
- D. The festive and social nature of the game.

3- What message is conveyed about the nature of cricket as a sport in contrast to globalized capitalism?

- A. Cricket promotes a capitalist mindset through its global popularity.
- B. Cricket resists the productivity principle of globalized capitalism.
- C. Cricket and capitalism both emphasize the importance of luck.
- D. There is no significant relationship between cricket and capitalism.

4- What does the author imply about the attitude of South Asian cricketers towards superstitions?

- A. They are indifferent to superstitions and focus only on skill.
- B. They are embarrassed by their superstitious beliefs.
- C. They openly embrace and ritualize their superstitious beliefs.
- D. They consider superstitions irrelevant to the game.

5- Complete the following sentence based on the passage: "Unlike other sports where consistent training and skill predominantly determine the outcome, cricket is unique in its \_\_\_\_\_."

6- Based on the passage, how does the cultural significance of cricket in South Asia differ from its perception in other parts of the world?

7- True or False: The passage implies that the outcome of a cricket match is solely determined by the skill and talent of the players.

8- Based on the passage about cricket in South Asia, identify the two pairs of words that are antonyms:

- 1. Carnavalesque and Formal
- 2. Festive and Celebratory
- 3. Subversive and Innovative
- 4. Unpredictable and Predictable
- 5. Convivial and Sociable

From the options below, select the one that correctly identifies the two sets of antonyms:

- (a) Option 1 and 4
- (b) Option 2 and 3
- (c) Option 1 and 3
- (d) Option 2 and 5

9- Which of the following titles would be the most appropriate for the passage?

- A. "The Global Influence of Cricket"
- B. "Cricket: A Game of Skill and Strategy"
- C. "Cricket in South Asia: A Cultural Phenomenon"

	<p>D. "The Competitive World of International Cricket"</p> <p>10- State whether the following lines from the passage display an example of a simple, complex, emotionally charged, or downright weird passage.          "It is now gradually becoming a substitute for war, a means of redeeming self-esteem, and expressing xenophobia, and a breeding ground for bizarre conspiracy theories."</p>		
<p><b>2</b></p>	<p>Read the extract given below and answer the questions.</p> <p style="text-align: center;"><i>An ultimate shaking grief fixes the boy          As he stands rigid, trembling, staring down          All his young days into the harbour where          His ball went. I would not intrude on him;</i></p> <p><b>i.</b> The poet uses the word 'ultimate' to describe the boy's reaction. Pick the meaning that DOES NOT display what, 'ultimate' means in the context given.</p> <p>a) consequent          b) final          c) conclusive          d) fateful</p> <p><b>ii.</b> The boy is very young in this poem. As a mature, balanced grown-up, he might look back and think that his reaction of 'ultimate shaking grief' was</p> <p>1) disproportionate to the loss.          2) pretension to procure a new toy.          3) according to his exposure and experience then.          4) a reaction to the failure of retrieving the toy.          5) justified and similar to what it would be currently.</p> <p>a) 5 &amp; 2          b) 1 &amp; 3          c) 2 &amp; 4          d) 3 &amp; 5</p> <p><b>iii.</b> Why does the speaker choose not to intrude?          This is so because the poet</p> <p>a) knows that it would embarrass the boy in his moment of grief.          b) feels that it's important that the boy learn an important life lesson, undisturbed.          c) realises that he doesn't have sufficient funds to purchase a new ball for the boy.          d) Experiences a sense of distress himself, by looking at the boy's condition.</p> <p><b>iv.</b> Choose the option that lists the meaning of 'harbour' as used in the extract.</p> <p>Noun:          (1) a place on the coast where ships may moor in shelter.          (2) a place of refuge.</p> <p>Verb:          (3) keep (a thought or feeling, typically a negative one) in one's mind, especially secretly.          (4) shelter or hide (a criminal or wanted person).</p> <p>a) Option 1          b) Option 2          c) Option 3          d) Option 4</p>	<p><b>4</b></p>	<p>Understanding</p>

3	<p>Answer the following questions in 30- 40 words:</p> <p>(i) Why was the baker, the friend, companion and guide of the children?  (ii) Why was Anne in tears when she left the Montessori School?</p>	2x3=4	Evaluation				
4	<p>Read the following conversation carefully and complete the following passage by filling in the blank spaces appropriately. Do not add any new information. Write the answers in your answer sheet against the correct blank number.</p> <p>Patient : Doctor, I have a terrible toothache.  Doctor : Well, sit down. I need to examine your teeth. Please open your mouth wide.  Patient : Is there any serious problem, doctor ?</p> <p>The patient told the doctor (a) _____. The doctor told him to sit down as (b) _____. He also requested the patient (c) _____. The patient then enquired (d) _____.</p>	2	Interdisciplinary				
5	<p>(i) Identify the error and supply and supply correction for the following note in a passenger's flight instruction manual:</p> <p>Warning : Passengers are instructed not to carry liquids exceeding 100 ml under their carry-on luggage.</p> <p>Use the given format for your response.</p> <table border="1" data-bbox="544 1066 1040 1160"> <thead> <tr> <th>Error</th> <th>Correction</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>(ii) Fill in the blanks with the most suitable modals from brackets:</p> <ol style="list-style-type: none"> <li>The article stated that he..... read at the age of three. (might, could)</li> <li>You .....take a sweater in case it gets cold. (should, might)</li> </ol>	Error	Correction			2	Analytical skill
Error	Correction						
6	<p>Choose the correct answer from the options given below.</p> <p>A. Unfortunately, (a) ..... (a lot/few) of the companies which we sent offers to showed interest in our products.</p> <p>B. Last month was a good month for the company. We found (b) ..... (many/effect) new customers and also increased our profit.</p> <p>C. We have to speed up, there is very (c) ..... (few/little) time to finish the project.</p>	3	Problem Solving				
7	<p>Answer the following questions in 100-120 words.</p> <p>Horace Danby requested the lady to forget what she saw. Was Horace afraid of being caught? Did he lack the courage to admit his crime publicly? Explain the values one must imbibe to accept one's mistake.</p>	5	HOT				
8	<p>The following table shows details about the internet activities for six categories for different age groups. Write an analytical paragraph for the table given in around 120-150 words.</p>	5	Critical Thinking				

**Internet Activities by Age Group**

Activity%	Age group						
	Teens	20s	30s	40s	50s	60s	70+
<b>Get News</b>	76	73	76	75	71	74	70
<b>Online games</b>	81	54	37	29	25	25	32
<b>Downloads</b>	52	46	27	15	13	8	6
<b>Product research</b>	0	79	80	83	79	74	70
<b>Buying a product</b>	43	68	69	68	67	65	41
<b>Searching for people</b>	5	31	23	23	24	29	27

**9** Write a letter to the editor of a national daily, expressing your opinion and views on the increased human dependence on technology. Right from a small child to an adult, or even an old man, everyone wants gadgets only-cell phone, I-pod, laptop, etc. This also has a negative effect on social relationships. Using your own ideas and the unit, 'Science', write the letter in 100-120 words.

**5** Communicational Skill



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

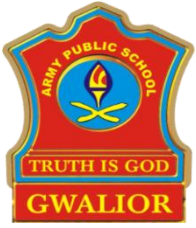
**Subject: Hindi**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S.NO	QUESTIONS	MARKS	NATURE
01	<p>निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के उत्तर गद्यांश के आधार पर लिखिए-</p> <p>राष्ट्र केवल ज़मीन का टुकड़ा ही नहीं बल्कि हमारी सांस्कृतिक विरासत होती है जो हमें अपने पूर्वजों से परंपरा के रूप में प्राप्त होती है। जिसमें हम बड़े होते हैं, शिक्षा पाते हैं और साँस लेते हैं-हमारा अपना राष्ट्र कहलाता है और उसकी पराधीनता व्यक्ति की परतंत्रता की पहली सीढ़ी होती है। ऐसे ही स्वतंत्र राष्ट्र की सीमाओं में जन्म लेने वाले व्यक्ति का धर्म, जाति, भाषा या संप्रदाय कुछ भी हो, आपस में स्नेह होना स्वाभाविक है। राष्ट्र के लिए जीना और काम करना, उसकी स्वतंत्रता तथा विकास के लिए काम करने की भावना राष्ट्रियता कहलाती है।</p> <p>जब व्यक्ति किसी दूसरे व्यक्ति से धर्म, जाति, कुल आदि के आधार पर व्यवहार करता है तो उसकी दृष्टि संकुचित हो जाती है। राष्ट्रियता की अनिवार्य शर्त है- देश को प्राथमिकता, भले ही हमें 'स्व' को मिटाना पड़े। महात्मा गांधी, तिलक, सुभाषचन्द्र बोस आदि के कार्यों से पता चलता है कि राष्ट्रियता की भावना के कारण उन्हें अनगिनत कष्ट उठाने पड़े किंतु वे अपने निश्चय में अटल रहे। व्यक्ति को निजी अस्तित्व कायम रखने के लिए पारस्परिक सभी सीमाओं की बाधाओं को भुलाकर कार्य करना चाहिए तभी उसकी नीतियाँ-रीतियाँ राष्ट्रिय कही जा सकती हैं।</p> <p>जब-जब भारत में फूट पड़ी, तब-तब विदेशियों ने शासन किया। चाहे जातिगत भेदभाव हो या भाषागत-तीसरा व्यक्ति उससे लाभ उठाने का अवश्य यत्न करेगा। आज देश में अनेक प्रकार के आंदोलन चल रहे हैं। कहीं भाषा को लेकर संघर्ष हो रहा है तो कहीं धर्म या क्षेत्र के नाम पर लोगों को निकाला जा रहा है जिसका परिणाम हमारे सामने है। आदमी अपने अहं में सिमटता जा रहा है। फलस्वरूप राष्ट्रिय बोध का अभाव परिलक्षित हो रहा है-</p> <p>प्रश्न:1. गद्यांश का उचित शीर्षक लिखिए। प्रश्न:2. 'स्व' से क्या तात्पर्य है ? प्रश्न:3. आशय स्पष्ट कीजिए-“राष्ट्र केवल ज़मीन का टुकड़ा ही नहीं बल्कि हमारी सांस्कृतिक विरासत भी है।”</p>	6	Understanding

	<p>प्रश्न:4.राष्ट्रीयता से लेखक का क्या आशय है ? गद्यांश में चर्चित दो राष्ट्रभक्तों के नाम लिखिए।</p> <p>प्रश्न: 5.राष्ट्र के उत्थान में व्यक्ति का क्या स्थान है? उदाहरण सहित लिखिए।</p>		
02	<p>दिए गए संकेत बिंदुओं के आधार पर लगभग 100 -120 शब्दों में अनुच्छेद लिखिए।</p> <p>विषय - मजहब नहीं सिखाता आपस में बैर रखना</p> <ul style="list-style-type: none"> <li>* सभी मजहब एक</li> <li>* सभी धर्मों का आधारभूत तत्व</li> <li>* धर्म के सच्चे स्वरूप को न पहचानने से हानि</li> <li>* सच्चे धर्म का अर्थ</li> <li>* मित्रता व सहयोग मार्ग</li> </ul>	6	Understanding
03	<p>अपनी शैक्षिक एवं अन्य उपलब्धियों का उल्लेख करते हुए अपने विद्यालय के प्रधानाचार्य को 100 शब्दों में प्रार्थना-पत्र लिखिए जिसमें छात्रवृत्ति देने का उल्लेख किया गया हो।</p>	5	Communication
04	<p>आपके विद्यालय में पुस्तक प्रदर्शनी का आयोजन किया जा रहा है जिसमें हर तरह की पुस्तकों पर 25% छूट दी जाएगी। ये पुस्तकें विभिन्न विषयों से संबंधित होंगी। इस संबंध में एक सूचना आलेख 60 शब्दों में तैयार कीजिए। आप दसवींबी के छात्र गौतम शर्मा हैं।</p>	4	HOTS
05	<p>छात्रों के लिए अधिक खेल-सामग्री उपलब्ध कराने का अनुरोध करते हुए अपने प्रधानाचार्य महोदय को xyzschool@gmail.com पर एक ईमेल 80 शब्दों में लिखिए।</p>	5	Analytical Skills
06	<p>दिए गए मुहावरों का वाक्यों में प्रयोग करिए।</p> <ol style="list-style-type: none"> <li>i. घुड़कियाँ खाना-</li> <li>ii लोहे के चने चबाना-</li> <li>iii सुधखोना बुध--</li> <li>iv तराजू पर तोलना</li> <li>v त्योरियाँ चढ़ाना-</li> </ol>	5	Critical Thinking and Problem Solving
07	<p>निम्नलिखित प्रश्नों के उत्तर दीजिए-</p> <ol style="list-style-type: none"> <li>1. 'तीसरी कसम' फिल्म को 'सैल्यूलाइड पर लिखी कविता' क्यों कहा गया है?</li> <li>2. शाल के वृक्ष भयभीत होकर धरती में क्यों धंस गए?</li> <li>3. 'तोप' कविता द्वारा कवि क्या संदेश देना चाहता है? स्पष्ट कीजिए।</li> </ol>	9	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**



**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Mathematics**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S. No.	QUESTIONS	MARKS	NATURE
1	If the distance between the points A(-3,-14) and B(a,-5) is 9 units then a=?  (a) 5      (b) 6      (c) 7      (d) -3	1	Understanding
2	There are 312, 260 and 156 students in class X, XI and XII respectively. Buses are to be hired to take these students to a picnic. Find the maximum number of students who can sit in a bus if each bus takes equal number of students (a) 52    (b) 56    (c) 48    (d) 63	1	Understanding
3	If the mid-point of the line segment joining the points P(6,b-2) and Q(-2,4) is (2,-3) then the value of b is: (a) -5      (b) -6      (c) -7      (d) -8	1	Evaluation
4	If (3,2) ,(6,3),(x,y) and (6,5) are the vertices of a parallelogram, then the value of x+y is: (a) 15      (b)16      (c) 17      (d) 18	1	Application
5	A quadratic polynomial, whose zeroes are -3 and 4, is (a) $x^2 - x + 12$ (b) $x^2 + x + 12$ (c) $2x^2 - 2x - 6$ (d) $2x^2 + 2x - 24$ .	1	Analytical  Thinking
6	. If $\sin\theta = a/b$ , then $\cos\theta$ is equal to  (a) $b/\sqrt{b^2 - a^2}$ (b) $\sqrt{b^2 - a^2}/a$ (c) $\sqrt{b^2 - a^2}/b$ (d) $a/\sqrt{b^2 - a^2}$	1	Analytical Thinking
7	The sum of two numbers is 27 and product is 182. The numbers are:  (a) 12 and 13    (b) 13 and 14    (c) 12 and 15    (d) 13 and 24	1	Application



8.	<p><math>(\cos^4 A - \sin^4 A)</math> is equal to:</p> <p>(a) <math>1 - 2 \cos^2 A</math>      (b) <math>2 \sin^2 A - 1</math></p> <p>(c) <math>\sin^2 A - \cos^2 A</math>      (d) <math>2 \cos^2 A - 1</math></p>	1	Analytical Thinking
9	<p>The pairs of equations <math>x+2y-5 = 0</math> and <math>-4x-8y+20=0</math> have:</p> <p>(a) Unique solution      (b) Exactly two solutions</p> <p>(c) Infinitely many solutions      (d) No solution</p>	1	Evaluation
10	<p><i>Directions:</i> In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:</p> <p>(a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).</p> <p>(b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).</p> <p>(C) Assertion (A) is true but reason (R) is false.</p> <p>(d) Assertion (A) is false but reason (R) is true.</p> <p><b>Assertion: The point (-1,6) divides the line segment joining the points (-3,10) and (6,-8) in the ratio 2:7 internally.</b></p> <p><b>Reason: Mid point of the line segment PQ whose co-ordinate are <math>P(x_1, y_1)</math> and <math>Q(x_2, y_2)</math> is given by</b></p> <p><math>R\left(\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}\right)</math></p>	2	Competency-based
11	<p>If triangles ABC and DEF are similar and <math>AB=4</math> cm, <math>DE=6</math> cm, <math>EF=9</math> cm and <math>FD=12</math> cm, the perimeter of triangle ABC is:</p> <p>(a) 22 cm (b) 20 cm (c) 21 cm (d) 18 cm</p>	2	problem-solving
12.	<p>Find the value of <math>\sin^2 60^\circ - 2 \tan 45^\circ - \cos^2 30^\circ = ?</math></p>	2	Analytical Thinking
13	<p>Find the perimeter of a triangle with vertices (0,4) ,(0,0) and (3,0).</p>	2	HOTS
14.	<p>In what ratio is the line segment joining (-2,-3) and (3,7) divided by y-axis.</p>	2	Analytical Thinking Problem solving
15.	<p>Prove that : <math>\frac{\sin A - 2 \sin 3A}{2 \cos 3A - \cos A} = \tan A</math></p>	3	Analytical Thinking
16.	<p>Find the value of <math>(1 + \tan^2 \Theta) (1 - \sin \Theta) (1 + \sin \Theta)</math></p>	3	Evaluation Problem solving
17.	<p><math>\sqrt{\frac{1-\sin A}{1+\sin A}} + \sqrt{\frac{1+\sin A}{1-\sin A}} = ?</math></p>	3	Application

18.	If four vertices of a parallelogram taken in order are $(-3, -1)$ , $(a, b)$ , $(3, 3)$ and $(4, 3)$ . Then $a : b = ?$	3	Problem solving
19.	Find $(n - 1)^{\text{th}}$ term of an A.P. is given by 7, 12, 17, 22, ... . Also find the sum of 21 terms.	3	Critical thinking and Problem solving
20.	<p>The class X students school in krishnagar have been allotted a rectangular plot of land for their gardening activity. Saplings of Gulmohar are planted on the boundary at a distance of 1 m from each other. There is triangular grassy lawn in the plot as shown in the figure. The students are to sow seeds of flowering plants on the remaining area of the plot.</p> <ol style="list-style-type: none"> <li>1. Taking A as origin, find the coordinates of P and Q</li> <li>2. Find the distance between P and Q (Using distance formula)</li> <li>3. Find the perimeter of triangle PQR</li> </ol> <p style="text-align: center;">(OR)</p> <p>Find the nature of the triangle.</p>	1+1+2	Competency based
21.	Prove that $(1 + \cot\theta - \operatorname{cosec}\theta)(1 + \tan\theta + \sec\theta) = 2$ .	5	HOTS



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Science**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Why is the deep sea bluish in colour? Q2. What is chemical name of bleaching powder? Q3. Define emulsification. Q4. List two properties of the images formed by convex mirrors.	1 1 1 1	Information
2	Q5. Write any three differences between cerebrum and cerebellum. Q6. How does the eye adjust itself to deal with light of varying intensity? Q7. In each of the following questions, a statement of Assertion is given and a corresponding statement of Reason is given just below it. Of the statements, given below, mark the correct answer as: (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 but reason is false. (d) Both Assertion and Reason are false. (i) Assertion(A) : The centre of curvature is not a part of the mirror. It lies outside its reflecting surface. Reason (R) : The reflecting surface of a spherical mirror forms a part of a sphere. This sphere has a centre. (ii) Assertion(A) : The emergent ray is parallel to the direction of the incident ray. Reason (R) : The extent of bending of the ray of light at the opposite parallel faces (air- glass interface and glass-air interface) of the rectangular glass slab is equal and opposite. (iii) Assertion(A) : The phenomenon of scattering of light by the colloidal particles gives rise to Tyndall effect. Reason (R): The colour of the scattered light depends on the size of the scattering particles.	3 3 3	Understanding
3	Q8. Explain presbyopia and astigmatism. Q9. Write any 3 uses of chlorine gas?	3 3	HOT
4	Q10. Describe Human excretory system with the help of a well labelled diagram. Q11. Why is the colour of the clear sky blue?	3 3	Interdisciplinary
5	Q12. What happens when metal reacts with NaOH? Write the reaction involved. Q13. What is water of crystallisation? What is the water of crystallization of plaster of Paris?	3 3	Analytical Skill

6	<p>Q14. Read the following and answer the following questions.</p> <p>The lenses forms different types of images when object placed at different locations. When a ray is incident parallel to the principal axis, then after refraction, it passes through the focus or appears to come from the focus.</p> <p>When a ray goes through the optical centre of the lens, it passes without any deviation. If the object is placed between focus and optical center of the convex lens, erect and magnified image is formed.</p> <p>As the object is brought closer to the convex lens from infinity to focus, the image moves away from the convex lens from focus to infinity. Also the size of image goes on increasing and the image is always real and inverted.</p> <p>A concave lens always gives a virtual, erect and diminished image irrespective to the position of the object.</p> <p>(i) The location of image formed by a convex lens when the object is placed at infinity is</p> <p>(ii) When the object is placed at the focus of concave lens, the image formed is</p> <p>(iii) Define refraction.</p>	<b>1+1+2</b>	Critical Thinking and Problem Solving
7	Q15. Draw a well labelled diagram of human brain and its functions.	<b>5</b>	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**




**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**


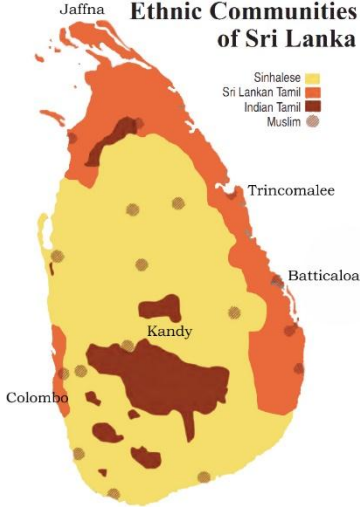
Subject: Social Science

Assignment No. : 4

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE																											
1.	<table border="1"><thead><tr><th colspan="4">COMPARISON OF COUNTRIES</th></tr><tr><th rowspan="2">Country</th><th colspan="3">Monthly incomes of citizens (in Rupees)</th></tr><tr><th>I</th><th>II</th><th>III</th></tr></thead><tbody><tr><td>A</td><td>5,500</td><td>7,500</td><td>19,000</td></tr><tr><td>B</td><td>11,500</td><td>10,500</td><td>10,000</td></tr><tr><td>C</td><td>1,000</td><td>1,000</td><td>30,000</td></tr><tr><td>D</td><td>3,500</td><td>3,500</td><td>25,000</td></tr></tbody></table> <p>As per the data given above which country has a comparatively equitable distribution of income?</p> <p>a) Country A b) Country B c) Country C d) Country D</p>	COMPARISON OF COUNTRIES				Country	Monthly incomes of citizens (in Rupees)			I	II	III	A	5,500	7,500	19,000	B	11,500	10,500	10,000	C	1,000	1,000	30,000	D	3,500	3,500	25,000	1	Understanding
COMPARISON OF COUNTRIES																														
Country	Monthly incomes of citizens (in Rupees)																													
	I	II	III																											
A	5,500	7,500	19,000																											
B	11,500	10,500	10,000																											
C	1,000	1,000	30,000																											
D	3,500	3,500	25,000																											
2.	<p>Who visualised and depicted the image of 'Bharat Mata' through a painting?</p> <p>(a) Bankim Chandra Chattopadhyay (b) Rabindranath Tagore (c) Natesa Sastri (d) Aanindranath Tagore</p>	1	Critical Thinking and Problem Solving																											
3.	<p>Rajesh, an ambitious entrepreneur, opened a wholesale store to sell locally-made textiles. He relied on the services of Priya, a skilled logistics coordinator, who efficiently organized the transportation and storage of the goods. Additionally, Rajesh sought assistance from Ankit, a knowledgeable banker, who provided financial support to expand his business. Together, they exemplified the vital role of tertiary sector activities in supporting the production and trade of goods. Which sector of the economy includes activities such as transportation, storage, communication, banking, and trade?</p> <p>a) Quaternary sector b) Tertiary sector c) Primary sector d) Secondary sector</p>	1	Understanding																											

<p>4.</p>	<p><b>Look at the world map given below and answer the following question.</b></p>  <p>Source: Montreal and Kingston, <i>Handbook of Federal Countries: 2002</i>. McGill-Queen's University Press, 2002.</p> <p><b>Which of the following deductions can DEFINITELY be made from the map?</b></p> <ul style="list-style-type: none"> <li>a) Argentina is the largest federal country in South America.</li> <li>b) Germany has states that share power with the centre.</li> <li>c) Asia has the maximum number of federal nations.</li> <li>d) China does not have provincial administrations.</li> </ul>	<p>1</p>	<p>Critical Thinking and Problem Solving</p>
<p>5.</p>	<p><b>Which of the following statements accurately distinguishes the prudential and moral reasons for power sharing?</b></p> <ul style="list-style-type: none"> <li>a) Prudential reasons emphasize the unity of the nation, while moral reasons prioritize the exercise of power by the minority.</li> <li>b) Prudential reasons argue for the legitimacy of a government through citizen participation, while moral reasons highlight the negative consequences of power sharing.</li> <li>c) Prudential reasons advocate for imposing the will of the majority community, while moral reasons highlight the oppressive nature of power sharing.</li> <li>d) Prudential reasons focus on reducing social conflict and ensuring political stability, while moral reasons emphasize the value of power sharing in a democratic system.</li> </ul>	<p>1</p>	<p>Understanding</p>
<p>6.</p>	<p>Write any one major reason for the depletion of forest cover in India.</p>	<p>1</p>	<p>Information</p>
<p>7.</p>	<p>“The destruction of biodiversity is highly correlated with the loss of cultural diversity.” Give fact to support this statement.</p>	<p>1</p>	<p>Understanding</p>
<p>8.</p>	<p>On what basis are dams classified into different types?</p>	<p>1</p>	<p>Understanding</p>

<p>9.</p>	 <p>I) Who is being portrayed in the given image?  II) What steps of the given person made people hostile towards him?</p>	<p>1</p>	<p>Critical Thinking and Problem Solving</p>
<p>10.</p>	<p>Write about the 3 initial satyagarhas organised by Mahatma Gandhi.</p>	<p>2</p>	<p>Information</p>
<p>11.</p>	 <p><b>Ethnic Communities of Sri Lanka</b></p> <p>Legend:  Sinhalese (Yellow)  Sri Lankan Tamil (Orange)  Indian Tamil (Red)  Muslim (Brown)</p> <p>Locations marked: Jaffna, Trincomalee, Batticaloa, Kandy, Colombo.</p> <p><b>Study the map thoroughly and answer the following –</b></p> <p>a) Which language is the prominent language of Sri Lanka?  b) The minorities where demanding which area as an independent Eelam.  c) “The distrust between the two communities turned into widespread conflict. It soon turned into a civil war.” What were the steps of government which led to civil war?</p>	<p>3</p>	<p>HOTS</p>
<p>12.</p>	<p>Why do we use averages? Are there any limitations to their use? Illustrate with your own examples related to development.</p>	<p>3</p>	<p>Information</p>
<p>13.</p>	<p>Explain any three farming techniques which can be used for soil conservation.</p>	<p>3</p>	<p>Evaluation</p>
<p>14.</p>	<p>“Tertiary sector activities help in the development of the primary and secondary sectors.” Evaluate the statement.</p> <p style="text-align: center;"><b>OR</b></p> <p>“ ‘Primary sector’ was the most important sector of economic activity at the initial stages of development.” Evaluate the statement.</p>	<p>3</p>	<p>Information</p>
<p>15.</p>	<p>How did the Greek war of independence mobilize nationalist</p>	<p>5</p>	<p>Analytical Skill</p>

feelings among the educated elite across Europe? Explain.

**OR**

How did ideas of national unity in early nineteenth-century Europe allied to the ideology of liberalism? Explain.

16.

**HANGING BY A THREAD**

**THE RIDE OF HIS LIFE**

**FLOODS**

**Basic Safety Precautions To Be Taken :**

- Listen to radio/TV for the latest weather bulletin and flood warnings. Pass on the information to others.
- Make a family emergency kit which should include, a portable radio/television, torch, spare batteries, a first aid kit along with essential medicines, CNG, dry food items, drinking water, mobile phone, candles and other essential items.
- Keep emergency bags, ropes, ladder, chains, umbrellas and medicines etc. in your house. These could be useful.
- Keep your cash, jewellery, valuables, important documents etc. in a safe place.
- If there is a flood, move along with your family members and cattle to safe areas like roof tops, evacuation centres, wherever you are when you see like shelter.
- Turn off power and gas connections before leaving your house.

**During floods**

- Don't enter into flood waters, it could be dangerous.
- Don't allow children to play in or near flood waters.
- Stay away from overcast trees, gutters, drains, culverts etc.
- Be careful of snakes, scorpions are common during floods.
- Stay away from electric poles and wires unless they are well insulated.
- Don't use wet electrical appliances - get them checked before use.
- Eat heavily cooked and dry food. Always keep your food covered.
- Use boiled and filtered drinking water.
- Keep all drains, gutters near your house clear.
- Disinfection of water can prevent waterborne diseases. In case of sickness, seek medical assistance.
- Use breathing gas mask and filter to protect the surroundings.

**Rain havoc in Maha, Gujarat**

**Heavy rain drowns Kolkata**

5

HOTS

Analyse the given picture and answer the following questions:

- “Floods are the rising resistance against the multi-purpose projects.” Examine the statement.
- How is Water Harvesting a viable alternative both socially and economically? Explain
- Mention any two steps which must be taken during flood condition.

17.

What are the main key features of federalism? Explain

5

Information

18.

Read the case given below carefully and answer the questions that follow:

**The Independence Day Pledge, 26 January, 1930**

'We believe that it is the inalienable right of the Indian people, as of any other people, to have freedom and to enjoy the fruits of their toil and have the necessities of life, so that they may have full opportunities of growth. We believe also that if any government deprives a people of these rights and oppresses them, the people have a further right to alter it or to abolish it. The British Government in India has not only deprived the Indian people of their freedom but has based itself on the exploitation of the masses, and has ruined India economically, politically, culturally, and spiritually. We believe, therefore, that India must sever the British connection and attain Purna Swaraj or Complete Independence'.

- What was considered as an inalienable right? 1
- Why did Indians ask for **Purna Swaraj**? 1
- Examine the views of Indians towards the British Government in reference to this passage. 2

4

Evaluation



OR

Explain the significance of the Lahore Session of Congress (1930).

19.

(Map Work)

4

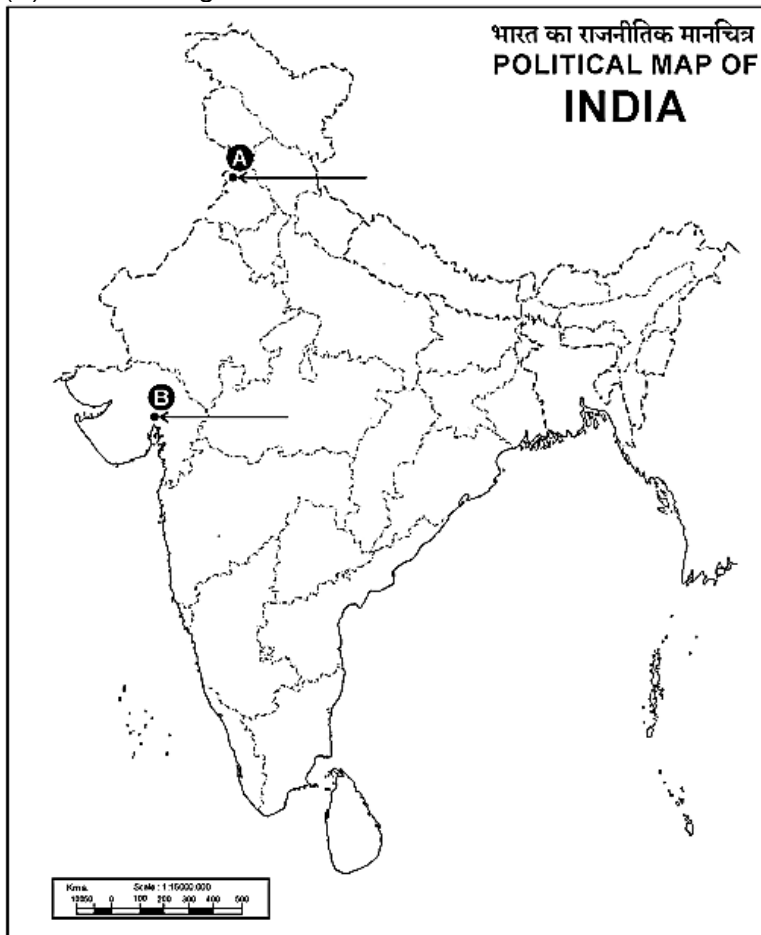
Information

a) Two places A and B have been marked on the given outline map of India. Identify them and write their correct names on the lines drawn near them.

- A. The place where the Jallianwalla Bagh incident took place.
- B. The place where Gandhiji organized 'Satyagraha' in favour of cotton mill workers.

b) On the same outline map of India locate and label any TWO of the following with suitable Symbols.

- (i) Hirakund Dam
- (ii) An area having arid soil
- (iii) Kaziranga National Park





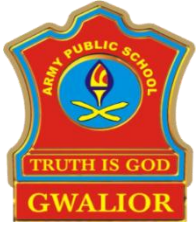
**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Health and Physical Education**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S.NO	MULTIPLE CHOICE QUESTIONS(QUESTION 1 TO 4)	MARKS:- 1X10=10	SKILLS
1.	India played its first one day in? (A) 1970 (B) 1971 (C) 1972 (D) 1974	1	Problem-solving
2.	Which of the following is the highest governing body of association football?  (a) International Olympic Committee (IOC) (b) International Federation of Association Football (FIFA) (c) Union of European Football Associations (UEFA) (d) National Football League (NFL)	1	Initiative
3.	Which country has won the most FIFA World Cup titles?  (a) Argentina (b) Italy (c) Germany (d) Brazil	1	Problem-solving
4.	Where is the sports stadium, 'Green Park' located? (a) Kanpur (b) Jamshedpur (c) Cutlack (d) Patiala	1	Initiative
5.	<b>Fill in the blanks ( question 5 to 7)</b> _____ was India's first One-day captain. ( Sunil Gavaskar ,Ajit Wadekar)	1	Thinking
6.	_____ has won the most FIFA World Cup titles. (Argentina, Brazil)	1	Thinking
7.	A player who is sent off the field for receiving two yellow cards is given a - _____. (Substitution, Red card)	1	Self-regulation
8.	<b>True &amp; False (question 8 to 10 )</b> During a football match, each team is allowed to have a maximum of 11 players on the field at any given time. One of these players must be the goalkeeper, while the remaining 10 are outfield players	1	Initiative
9.	The first FIFA World Cup was held in 1930, in Uruguay. This historic event took place from July 13th to July 30th and saw 13 national teams compete.	1	Thinking
10.	Irani Trophy is related to cricket	1	Problem-solving



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Employability Skill**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S. No.	QUESTIONS	MARKS	NATURE
1	<b>Which of the following is not a form of written communication?</b> (a)Circulars (b) Reports (c)Discussion (d) SMS	1	Analytical Skill
2	<b>Feedback such as “good job” or “you did great.” Are kind of which feedback.</b> (a)Descriptive feedback (b) Specific feedback (c)General feedback (d) Informal feedback	1	Understanding
3	<b>What would you do to reduce the waste and garbage?</b> (a)Reduce the usage (b) Recycle whenever possible (d)Reuse whenever possible (d) All of these	1	Analytical
4	<b>Green energy can help us in _____.</b> (a)Protecting ozone layer (b) Conserving natural resources (c)Clean air and environment (d) all of these	1	Analytical
5	<b>What is the foundation of human sustainability?</b> (a)Renewable resource (b) Natural resources (c) Economic development (d) Social equity	1	Understanding
6	<b>What are the UN SDGs primarily aimed at addressing?</b> (a)Global conflict resolutions (b) Environmental conservation (c) Economic dominance (d) Political alliances	1	Understanding
7	<b>What are the primary focus of the circular economy model?</b> (a)Maximizing resource consumption (b) Minimizing waste and promoting resource reuse (c)Promoting rapid resource depletion (d) Encouraging single- use products	1	Information
8	<b>Why is sustainable development important today?</b> (a) It is not important; other issues take precedence (b) Due to environmental and social challenges (c) Only for economic growth	1	Critical Thinking

	(d) Both (b) and (c)																				
9	<p><b>It is created by the decomposition of buried dead animals and plants in lakes and oceans. It's found in oil wells above the oil. Vehicles are powered by compressed.</b></p> <p>a) Natural Gas (CNG) b) Biomass c) Nuclear energy d) All of the above</p>	1	Analytical																		
10	<p><b>Organization is responsible for implementing SDGs in India.</b></p> <p>(a) State Government (b) Niti Ayog (c) Ministry of Agriculture (d) Ministry of Chemical and Fertilizer</p>	1	Information																		
11	<p><b>The SDGs related to</b></p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Name the SDG</th> <th>Purpose</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SDG2</td> <td></td> </tr> <tr> <td>2</td> <td>SDG3</td> <td></td> </tr> <tr> <td>3</td> <td>SDG4</td> <td></td> </tr> <tr> <td>4</td> <td>SDG6</td> <td></td> </tr> <tr> <td>5</td> <td>SDG13</td> <td></td> </tr> </tbody> </table>	S.No.	Name the SDG	Purpose	1	SDG2		2	SDG3		3	SDG4		4	SDG6		5	SDG13		5x1 =5	Information
S.No.	Name the SDG	Purpose																			
1	SDG2																				
2	SDG3																				
3	SDG4																				
4	SDG6																				
5	SDG13																				
12	<p><b>Answer the following questions in about 20-30 words.</b></p> <ol style="list-style-type: none"> <li>How does entrepreneurship create job?</li> <li>Write any two characteristics of entrepreneur.</li> <li>What are the measures for overcoming the challenges of sustainable development goals?</li> <li>Which institution of India provides statistical data to government?</li> <li>Explain about green jobs.</li> </ol>	5x2= 10	Problem Solving																		




**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Dance**

**Assignment No. : 4**

**Allotment Date: 12 September 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1	<b>Which musical instrument is commonly used during a "Ganesh Vandana" performance in Kathak?</b> A) Tabla B) Harmonium C) sitar D) Flute	1	Informative
2	<b>What is "Ganesh Vandana" in Kathak nritya?</b> A) Dhyaan ka ek roop B) Bhagavaan Ganesh ka aahvaan C) Ek pratispardhee nrty shailee D) Ek prakaar ka phutvark	1	Informative
3	<b>Which god is praised in Ganesh Vandana ?</b> A) Brahma B) Vishnu C) Mahesh D) Ganesh	1	Informative
4	<b>In which classical dance Ganesh Vandana is not performed</b> A) Kathak B) Bharatanatyam C) Odissi D) Kathakali	1	Informative
5	<b>Which type of dance is Ganesh Vandana ?</b> A) Tandav B) Lasya C) Nritya D) Sringar	1	Informative
6.	<b>Which emotion is expressed in Ganesh Vandana?</b> A) Veer Ras B) Shringar Ras C) Shant Ras D) Bhakti Ras	1	Informative
7.	<b>In Kathak dance _____ is worshipped first</b> A) Ganapati B) Devi C) Gandharv D) Natya	1	Informative

8.	<b>In which rhythm is Ganesh Vandana performed?</b> A) TeenTaal B) Dhamar C) sawari D) Rudra Taal	1	Informative
9.	<b>What is the main purpose of Ganesh Vandana in Kathak dance?</b> A) Ganesh ki stuti B) Ganesh ki aarti C) Ganesh ki Vandana D) Ganesh ka Abhishek	1	Informative
10.	<b>Which is the picture of Ganesh?</b> 	1	Informative



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Music (Vocal and Instrument)**  
**Allotment Date: 12 September 2024**

**Assignment No. : 4**

S. NO.	QUESTIONS	MARKS	NATURE
1	What type of song is "Aye Mere Watan Ke Logo"? a) Patriotic b) Bhajan	1	Informative
2	Aye meri zameen afsos nahi jo tere liye ___dard sahe ? a) sau b) har	1	Informative
3	How many khali are there in kahrwa Taal? a) 2 b) 1	1	Informative
4	How many counting are there in kahrwa Taal? a) 8 b) 7	1	Informative
5	How many counting are there in Dadra taal ? a) 6 b) 5	1	Informative
6.	How many tali are there in Dadra Taal? a) 1 b) 15	1	Informative
7.	How many khali are there in Dadra taal? a) 1 b) 2	1	Informative

8.	How many tali are there in Rupak taal? a) 2 b) 4	1	Informative
9,	How many khali are there in Rupak taal?  a) 1 b) 5	1	Informative
10.	Rupak taal is played with which type music ? a) classical & Light music b) with both	1	Informative



