

**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**

Subject: English

Assignment No. : 8

Allotment Date: 30 December 2023

S.NO	QUESTIONS	MARKS	NATURE
01	<p>Tenth May dawned bright and clear. For the past few days, I had been pleasantly besieged by dignitaries and world leaders who were coming to pay their respects before the inauguration. The inauguration would be the largest gathering ever of international leaders on South African soil. The ceremonies took place in the lovely sandstone amphitheater formed by the Union Buildings in Pretoria. For decades this had been the seat of white supremacy, and now it was the site of a rainbow gathering of different colors and nations for the installation of South Africa’s first democratic, non – racial government.”</p> <p>(a) What makes Mandela be proud of Tenth May. Which one of the following factors are not considered?</p> <ol style="list-style-type: none"> <li>1. It was bright sunshine.</li> <li>2. He was flooded with congratulatory calls.</li> <li>3. It was a momentous day.</li> <li>4. They sighted a rainbow.</li> </ol> <p>(i) Option 1 and 4 only            (ii) Option 1 only            (iii) Option 2 only            (iv) Option 4 only</p> <p>(b) Why was Mandela overwhelmed about May Ten?            (c) Fill in the blank with ONE WORD only .            Mandela was..... surrounded by the messages from all over the world.            (d) What according to the extract was the significance of the lovely sandstone amphitheater?            (i) It was a masterpiece of architecture            (ii) It was a seat of white supremacy.            (iii) Now it was the site of a rainbow gathering            (iv) Ceremonies used to take place there            (e) Select the option that correctly captures the application of the word ‘pleasantly’ as used in the first line of the extract.            (i) The holiday weekend passed pleasantly.            (ii) The city of Rionero in Volture is pleasantly situated 27 m.            (iii) The stadium is pleasantly airy.            (iv) I was pleasantly surprised when I received invite for the party.</p>	6	information
02	<p><u>Read the given extract and answer the questions that follow:</u>            The train pulled out of the station. Pranjol buried his nose in his detective book again. Rajvir too was an ardent fan of detective stories, but at the moment he was keener on looking at the beautiful scenery. It was green, green everywhere. Rajvir had</p>	4	Understanding

	<p>never seen so much greenery before. Then the soft green paddy fields gave way to tea bushes. It was a magnificent blue. Against the backdrop of densely wooded hills, a sea of tea bushes stretched as far as the eye could see. Dwarfing the tiny tea plants were tall sturdy shade trees and amidst the orderly rows of bushes busily moved doll-like figures. In the distance was an ugly building with smoke billowing out of tall chimneys.</p> <p>2.1 What was Rajvir an ardent fan of?  2.2 Who were the doll-like figures?  2.3 How has a building at a distance been described?  2.4 Where was Rajvir headed towards?</p> <p style="text-align: center;"><b>OR</b></p> <p>You are Rita/ Ritesh of 27, ASRC Road, Hyderabad. Your sister, while coming back from her school was bitten by a stray dog. A large number of stray dogs are wandering on the roads. They are a great nuisance and pose threat to passers- by, especially school children. Write a letter to the editor of a newspaper complaining about the problem of stray dogs in your locality. Also suggest some solutions to solve this problem.</p>		
03	What is the importance of breads for the Goans?	5	HOTS
04	Scientists contribute to make the world a better place. Griffin is an antithesis to this statement. Justify.	5	HOTS
05	<p><u>Read the following extract and answer the questions that follow:</u></p> <p>No use to say 'O there are other balls':  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.</p> <p>5.1 The boy remembers his_____ days.  5.2 How does the boy feel when he loses his ball?  5.3 Where has the boy lost his ball?  5.4 Where is the boy standing?  5.5 The boy who has lost ball is in the state of...</p>	5	Analytical Skills
06	<p>'Amanda is alone but not lonely in the world she envisions.'  Justify the statement with reference to any one image she pictures in her mind.</p> <p style="text-align: center;"><b>OR</b></p> <p>The forest undergoes tremendous transformation overnight. Discuss with reference to the poem " The Trees".</p>	5	Critical Thinking and Problem Solving
07	<p><b>GRAMMAR</b></p> <p>The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction against each line.</p> <p>1)In Himalayas, the desert is turning green ____ ____  Climate change in an Indian region of ____ ____  Ladakh has shrunk glaciers or has made____ ____  rainfall and temperature unpredictable. Water has ____ . ____  needed to irritating the fields. ____ ____</p> <p>2) In the prisoner's room a candle is ____ ____</p>	10	Evaluation

	<p>Burning dimly. A prisoner himself ____ ____ sat by the table. Only him back, ____ ____ The hair by his head, and his ____ ____ hands are visible from outside. ____ ____ .</p>		
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**ARMY PUBLIC SCHOOL GWALIOR  
CLASS - X  
ACADEMIC SESSION 2023-24  
WORKSHEET (SELF -ASSESSMENT)**



**Subject: Hindi  
Allotment Date: 30 December 2023**

**Assignment No. : 7**



	<p>(क) सत्संगति के लाभ</p> <p>अथवा</p> <p>(ख) शहरों में यातायात समस्या</p>		
6	<p><b>आशय स्पष्ट कीजिए-</b></p> <p>1. बस आस की एक किरण थी जो समुद्र की देह पर डूबती किरणों की तरह कभी भी डूब सकती थी।</p> <p>2. “पर्वत प्रदेश में पावस” कविता में मानवीकरण अलंकार का प्रयोग किस प्रकार किया गया है? स्पष्ट कीजिए  </p> <p>3. कवि ने “पर्वत प्रदेश में पावस” कविता में पहाड़ और तालाब की तुलना किससे की है?</p>	9	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**

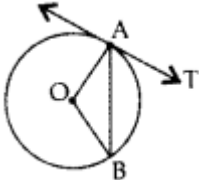


Subject: Mathematics

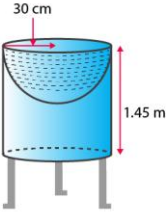
Assignment No. : 8

Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	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
2	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	Understanding
3	If $P(E) = 0.07$ , then what is the probability of 'not E'? (a) 0.93 (b) 0.95 (c) 0.89 (d) 0.90	1	Evaluation
4	The pairs of equations $x+2y-5 = 0$ and $-4x-8y+20=0$ have: (a) Unique solution (b) Exactly two solutions (c) Infinitely many solutions (d) No solution	1	Application
5	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	Analytical Thinking
6	The $(n - 1)^{th}$ term of an A.P. is given by 7, 12, 17, 22, ... is (a) $5n + 2$ (b) $5n + 3$ (c) $5n - 5$ (d) $5n - 3$	1	Analytical Thinking

7	<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>	1	Application																				
8	<p>The points <math>(-5, 1)</math>, <math>(1, p)</math> and <math>(4, -2)</math> are collinear if the value of <math>p</math> is</p> <p>(a) 3 (b) 2 (c) 1 (d) -1</p>	1	Analytical Thinking																				
9	<p>The shape of an ice-cream cone is a combination of:</p> <p>(a) Sphere + cylinder (b) Sphere + cone (c) Hemisphere + cylinder</p> <p>(d) Hemisphere + cone</p>	1	Evaluation																				
10	<p><b>The shadow of a tower standing on level ground is found to be 40 m longer when the Sun's altitude is <math>30^\circ</math> than when it is <math>60^\circ</math>. Find the height of the tower.</b></p>	2	Competency based																				
11	<p>In the given figure, O is the centre of a circle, AB is a chord and AT is the tangent at A. If <math>\angle AOB = 100^\circ</math>, then calculate <math>\angle BUnmute</math></p>	2	problem solving																				
12	<p>Find the area of a quadrant of a circle, where the circumference of circle is 44 cm. (Use <math>\pi = 22/7</math>)</p> 	2	Analytical Thinking																				
13	<p>A life insurance agent found the following data for distribution of ages of 100 policy holders. Calculate the median age, if policies are given only to persons having age 18 years onwards but less than 60 year.</p> <table border="1" data-bbox="236 1529 812 2186"> <thead> <tr> <th>Age (in years)</th> <th>Number of policy holders</th> </tr> </thead> <tbody> <tr> <td>Below 20</td> <td>2</td> </tr> <tr> <td>Below 25</td> <td>6</td> </tr> <tr> <td>Below 30</td> <td>24</td> </tr> <tr> <td>Below 35</td> <td>45</td> </tr> <tr> <td>Below 40</td> <td>78</td> </tr> <tr> <td>Below 45</td> <td>89</td> </tr> <tr> <td>Below 50</td> <td>92</td> </tr> <tr> <td>Below 55</td> <td>98</td> </tr> <tr> <td>Below 60</td> <td>100</td> </tr> </tbody> </table>	Age (in years)	Number of policy holders	Below 20	2	Below 25	6	Below 30	24	Below 35	45	Below 40	78	Below 45	89	Below 50	92	Below 55	98	Below 60	100	2	HOTS
Age (in years)	Number of policy holders																						
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14	<table border="1" data-bbox="226 85 1166 250"> <tbody> <tr> <td>Daily expenditure (in Rs)</td> <td>100 – 150</td> <td>150 – 200</td> <td>200 – 250</td> <td>250 – 300</td> </tr> <tr> <td>Number of households</td> <td>4</td> <td>5</td> <td>12</td> <td>2</td> </tr> </tbody> </table> <p>The table below shows the daily expenditure on food of 25 households in a locality.</p> <p>Find the mean daily expenditure on food by a suitable method.</p>	Daily expenditure (in Rs)	100 – 150	150 – 200	200 – 250	250 – 300	Number of households	4	5	12	2	2	Analytical Thinking Problem solving				
Daily expenditure (in Rs)	100 – 150	150 – 200	200 – 250	250 – 300													
Number of households	4	5	12	2													
15	<p>In triangle PQR, right-angled at Q, <math>PR + QR = 25</math> cm and <math>PQ = 5</math> cm. Determine the values of <math>\sin P</math>, <math>\cos P</math> and <math>\tan P</math>.</p>	3	Evaluation Problem solving														
16	<p>The length of the minute hand of a clock is 14 cm. Find the area swept by the minute hand in 5 minutes.</p>	3	Application														
17	<p><b>Rasheed got a playing top (lattu) as his birthday present, which surprisingly had no colour on it. He wanted to colour it with his crayons. The top is shaped like a cone surmounted by a hemisphere. The entire top is 5 cm in height, and the diameter of the top is 3.5 cm. Find the area he has to colour. (Take <math>\pi = 22/7</math>)</b></p>	3	Problem solving														
18	<p>Mayank made a bird-bath for his garden in the shape of a cylinder with a hemispherical depression at one end, as shown in the figure. The height of the cylinder is 1.45 m, and its radius is 30 cm. Find the total surface area of the bird-bath. (Take <math>\pi = 22/7</math>)</p> 	3	Critical thinking and Problem solving														
19	<p>Your friend Veer wants to participate in a 200m race. He can currently run that distance in 51 seconds and with each day of practice it takes him 2 seconds less. He wants to do it in 31 seconds.</p> <p>1 Write first four terms are in AP for the given situation.</p> <p>2 What is the minimum number of days he needs to practice till his goal is achieved.</p> <p>3 How many seconds it takes after the 5th day .</p>	1+1+2	Competency based														
20	<p>. The following table shows the ages of the patients admitted in a hospital during a year:</p> <p>Find the mode and the mean of the data given above. Compare and</p> <table border="1" data-bbox="226 1989 1166 2139"> <tbody> <tr> <td>age (in years)</td> <td>5 – 15</td> <td>15 – 25</td> <td>25 – 35</td> <td>35 – 45</td> <td>45 – 55</td> <td>55 – 65</td> </tr> <tr> <td>Number of patients</td> <td>6</td> <td>11</td> <td>21</td> <td>23</td> <td>14</td> <td>5</td> </tr> </tbody> </table>	age (in years)	5 – 15	15 – 25	25 – 35	35 – 45	45 – 55	55 – 65	Number of patients	6	11	21	23	14	5	5	HOTS
age (in years)	5 – 15	15 – 25	25 – 35	35 – 45	45 – 55	55 – 65											
Number of patients	6	11	21	23	14	5											

	interpret the two measures of central tendency.		
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Science**

**Assignment No. : 8**

**Allotment Date: 30 December 2023**

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. What is the magnification of the images formed by plane mirrors and why? Q2. Why covalent compounds have low melting and boiling point? Q3. Define excretion.	1 1 1	Information
2	Q4. Why does the flow of signals in a synapse from axonal end of one neuron to dendritic end of another neuron take place but not in the reverse direction? Q5. State ohms law. Represent it graphically. In the given circuit diagram calculate (i) the total effective resistance of the circuit. (ii) the current through each resistor. Q6. Explain the use of an electric fuse. What type of material is used for fuse wire and why?	3 3 3	Understanding
3	Q7. Design an activity to demonstrate that a bar magnet has a magnetic field around it. Q8. Give reasons for the following: (i) Element carbon forms compounds mainly by covalent bonding. (ii) Diamond has high melting point. (iii) Graphite is a good conductor of electricity.	3 3	HOT
4	Q9. What is the effect of DNA copying, which is not perfectly accurate, on the reproduction process? How does the amount of DNA remain constant through each new generation is a combination of DNA copies of two individuals? Q10. Write about power of accommodation of human eye. Explain why the image distance in the eye does not change when we change the distance of an object from the eye?	3 3	Interdisciplinary
5	Q11. Why are detergents better cleansing agents than soaps? Explain. Q12. Unsaturated hydrocarbons contain multiple bonds between the two C-atoms and show addition reactions. Give the test to distinguish ethane from ethene.	3 3	Analytical Skill
6	Q12. Draw a rough sketch of the pattern of field lines due to a (i) current flowing into a circular coil and (ii) solenoid carrying current.. (iii) current flowing through a straight conductor.	5	Critical Thinking and Problem Solving
7	Q13. Name the plant Mendel used for his experiment. What type of progeny was obtained by Mendel in F <sub>1</sub> and F <sub>2</sub> generations when he crossed the tall and short plants?	5	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Social Science**

**Assignment No. : 8**

**Allotment Date: 30 December 2023**

S. NO.	QUESTIONS	MARKS	NATURE
1.	<p>A country called DHOLPUR has 6 families (family A, B, C, D, E and X) and the per capita income of this country is 8000. Find out the income of family X if Family A, B, C, D and E have 2000, 1000, 20000, 3000 and 10000 respectively.</p> <p><b>Answer the following questions on the basis of the above data:</b></p> <p><b>i) What is the income of Family X?</b></p> <p>a) 3000  b) 10000  c) 12000  d) 6000</p> <p><b>ii) Which of the following inferences is not true:</b></p> <p>a) Dholpur has unequal distribution of income  b) Family C is the richest family  c) Both A and B  d) Family B is the most literate of all</p>	1	Understanding
2.	<p><b>In which year was the Act of Union signed and between which nations?</b></p> <p>a) 1704, Ireland and Britain  b) 1707, Britain and Scotland  c) 1708, Britain and Ireland  d) 1709, Scotland and Britain</p>	1	Information
3.	<p><b>Assertion:</b> India needs to produce more high value crops  <b>Reason:</b> High value crops can bring a lot of foreign exchange to India.</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) Both A and are R are false</p>	1	Understanding
4.	<p><b>The process of transformation of things available in our environment involves an interactive relationship between nature,</b></p> <div style="text-align: center;"> <p>Physical Environment (Nature)</p> <p>Human Beings</p> <p>Technology      Institutions</p> </div>	1	Information


	<p><b>(X) and institutions. Identify (X)</b></p> <p>a) Resources b) Unlimited Wants c) Technology d) Globalisation</p>														
5.	<p><b>Which of the following options represent potential measures that can be taken to mitigate the threats posed on the tiger population and biodiversity?</b></p> <p>i. Banning hunting, giving legal protection to their habitats, and restricting trade in wildlife ii. Prohibiting the visit of public into forest area. iii. Establishing wildlife sanctuaries and National Parks iv. Converting forests into Reserved and Protected forests</p> <p><b>Options:</b></p> <p>(a) Statement i and ii are correct. (b) Statement ii, iii &amp; iv are correct (c) Statement ii is correct. (d) Statement (i), (iii) &amp; (iv) are correct.</p>	1	Understanding												
6.	<p><b>Read the following data and select the appropriate option from the following</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Category</th> <th style="text-align: center;">Male</th> <th style="text-align: center;">Female</th> </tr> </thead> <tbody> <tr> <td>Literacy rate for rural population</td> <td style="text-align: center;">76%</td> <td style="text-align: center;">54%</td> </tr> <tr> <td>Literacy rate for rural children in age group 10-14 years</td> <td style="text-align: center;">90%</td> <td style="text-align: center;">87%</td> </tr> <tr> <td>Percentage of rural children aged 10-14 attending school</td> <td style="text-align: center;">85%</td> <td style="text-align: center;">82%</td> </tr> </tbody> </table> <p><b>How much percentage of girls are not attending school?</b></p> <p>(a) 81% (b) 61% (c) 69% (d) 18%</p>	Category	Male	Female	Literacy rate for rural population	76%	54%	Literacy rate for rural children in age group 10-14 years	90%	87%	Percentage of rural children aged 10-14 attending school	85%	82%	1	Information
Category	Male	Female													
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7.	<p><b>Arrange the following statements in sequential order based on the events that took place in India prior to independence.</b></p> <p>i. Poorna Swaraj resolution was passed. ii. Boycott of the Simon Commission iii. Quit India Movement launched. iv. Salt march and the beginning of the Civil Disobedience Movement.</p> <p><b>Options:</b></p> <p>(a) iv, iii, ii, i (b) ii, i, iv, iii (c) i, iv, iii, ii (d) i, ii, iii, iv</p>	1	Understanding												

8.	<p><b>Match the following items given in column A with those in column B:</b></p> <table border="1" data-bbox="263 145 1069 907"> <thead> <tr> <th colspan="2">Column-I</th> <th colspan="2">Column-II</th> </tr> </thead> <tbody> <tr> <td>(i)</td> <td>Call center employee</td> <td>(a)</td> <td>2005</td> </tr> <tr> <td>(ii)</td> <td>Mahatma Gandhi National Rural Employment Guarantee Act</td> <td>(b)</td> <td>Railways</td> </tr> <tr> <td>(iii)</td> <td>Organised sector</td> <td>(c)</td> <td>Tata Iron and Steel Company Limited</td> </tr> <tr> <td>(iv)</td> <td>Public sector</td> <td>(d)</td> <td>Agriculture and farming</td> </tr> <tr> <td>(v)</td> <td>Private sector</td> <td>(e)</td> <td>Tertiary sector</td> </tr> <tr> <td>(vi)</td> <td>Primary sector</td> <td>(f)</td> <td>Job security</td> </tr> </tbody> </table> <p>a) (i)-(a), (ii)-(e), (iii)-(c), (iv)-(b), (v)-(f), (vi)-(d)  b) (i)-(d), (ii)-(a), (iii)-(f), (iv)-(b), (v)-(c), (vi)-(e)  c) (i)-(e), (ii)-(a), (iii)-(b), (iv)-(c), (v)-(f), (vi)-(d)  d) (i)-(e), (ii)-(a), (iii)-(f), (iv)-(b), (v)-(c), (vi)-(d)</p>	Column-I		Column-II		(i)	Call center employee	(a)	2005	(ii)	Mahatma Gandhi National Rural Employment Guarantee Act	(b)	Railways	(iii)	Organised sector	(c)	Tata Iron and Steel Company Limited	(iv)	Public sector	(d)	Agriculture and farming	(v)	Private sector	(e)	Tertiary sector	(vi)	Primary sector	(f)	Job security	1	Understanding
Column-I		Column-II																													
(i)	Call center employee	(a)	2005																												
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(vi)	Primary sector	(f)	Job security																												
9.	<p><b>Study the table given below and answer the questions that follow:</b></p> <table border="1" data-bbox="231 1198 1109 1512"> <thead> <tr> <th>Type of regimes and countries</th> <th>Growth Rate</th> </tr> </thead> <tbody> <tr> <td>All democratic regimes</td> <td>3.95</td> </tr> <tr> <td>All dictatorial regimes</td> <td>4.42</td> </tr> <tr> <td>Poor countries under dictatorship</td> <td>4.34</td> </tr> <tr> <td>Poor countries under democracy</td> <td>4.28</td> </tr> </tbody> </table> <p>a) If we consider all democracies and all dictatorships for the fifty years between 1950 and 2000, what does the data given in the table show?  b) Which type of regime would people prefer if economic growth is the sole aim and why?</p>	Type of regimes and countries	Growth Rate	All democratic regimes	3.95	All dictatorial regimes	4.42	Poor countries under dictatorship	4.34	Poor countries under democracy	4.28	2	Critical Thinking and Problem Solving																		
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Poor countries under dictatorship	4.34																														
Poor countries under democracy	4.28																														
10.	<p><b>Study the picture carefully and answer the following questions:</b></p>	3	HOTS																												





- (a) Identify the style of literature.  
 (b) When did this style of literature emerge?  
 (c) What does this image reflect about the society?

11.	My friend's grandfather had gone to Belgium during the 1950's and 1960's and worked in a chocolate factory. He expressed that 'he witnessed tensions between the Dutch speaking and Frenchspeaking communities during this time in Belgium '. Justify his statement with three reasons.	3	Information
12.	 <p>Identify the bevarage crop and also explain climatic conditions required for its growth?</p>	3	Critical Thinking and Problem Solving
13.	Over the forty years between 1973-74 and 2013-14, while production in all the three sectors has increased, it has increased the most in the tertiary sector. As a result, in the year 2013-14, the tertiary sector has emerged as the largest producing sector in India replacing the primary sector. Why do you think tertiary sector is becoming so popular in India? Substantiate your answer giving any 3 reasons.	3	Analytical Skill
14.	<p>Explain the role of Otto Von Bismarck in the Unification of Germany.</p> <p style="text-align: center;"><b>OR</b></p> <p>Explain the role of Giuseppe Mazzini in the Unification of Italy.</p>	5	HOTS
15.	<p>"Cheap and affordable credit is crucial for the country's development."        Explain the statement.</p> <p style="text-align: center;"><b>OR</b></p> <p>Self Help Groups (SHGs) are the building blocks of organization of the rural poor. Support the statement with examples.</p>	5	Information
16.	<b>(Case-based questions)</b>	4	Evaluation

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

**NTPC shows the way**

NTPC is a major power providing corporation in India. It has ISO certification for EMS (Environment Management System) 14001. The corporation has a pro-active approach for preserving the natural environment and resources like water, oil, gas and fuels in places where it is setting up power plants. This has been possible through-

- a. Optimum utilisation of equipment adopting latest techniques and upgrading existing equipment.
- b. Minimising waste generation by maximising ash utilisation.
- c. Providing green belts for nurturing ecological balance and addressing the question of special purpose vehicles for afforestation.

- (i) Which is the major power providing corporation in India? **1**
- (ii) Name the institution which issues ISO certification for Environment Management System. **1**
- (iii) Explain the pro-active approach of NTPC for preserving the natural environment. **2**

**(Map Skill Based Question)**

a. Two features 'A' and 'B' are marked on the given political outline map of India. Identify these features with the help of the following information and write their correct names on the lines marked near them. (1)

A. The place where the Indian National Congress Session was held.

B. The place where the movement of Indigo planters was started.

b. Locate and label the following with appropriate symbols on the same given political outline map of India. (3)

(i) Sardar Sarovar	Dam
(ii) Bhilai	Iron and Steel Plant
(iii) Pune	Software Technology Park
(iv) Kochi	Major Sea Port
(v) Indore	Cotton Textile Industry
(vi) Naraura	Nuclear Power Plant

17.

4

Information



# POLITICAL MAP OF INDIA



km Scale 1:15000000 km  
100 200 300 400 500



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Computer**

**Assignment No. : 7**

**Allotment Date: 30 December 2023**

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i). Which tag is used to add a new row to table :</p> <p>(a) &lt;td&gt;</p> <p>(b) &lt;tr&gt;</p> <p>(c) &lt;colspan&gt;</p> <p>(d) &lt;Table&gt;</p> <p>(ii) A software that prevents external access to a system is called:</p> <p>(a) Firewall</p> <p>(b) Virus checker</p> <p>(c) Router</p> <p>(d) Gateway</p> <p>(iii) Which of these is not a threat to the security of data? :</p> <p>(a) Virus</p> <p>(b) Backups</p> <p>(c) Spyware</p> <p>(d) Creackers</p> <p>(iv) Which tag defines the header cell of the table:-</p> <p>(a) &lt;td&gt;</p> <p>(b) &lt;tr&gt;</p> <p>(c) &lt;th&gt;</p> <p>(d) &lt;table&gt;.</p>	$\frac{1}{2} \times 4 = 2$	Information
2	<p>Fill in the blanks-</p> <p>(i) ____ tag is used to create Text Area in a form..</p> <p>(ii) The online backup of data is also called ____.</p> <p>(iii) Like a computer virus ____ can also replicate itself.</p> <p>(iv) ____ are extremely useful to prevent data loss..</p>	$\frac{1}{2} \times 4 = 2$	Understanding and Problem Solving

<b>3</b>	Write short notes on following-  (i) Plagiarism (ii) Spamming (iii) Form in HTML <b>(iv)</b> Cracker	$\frac{1}{2} \times 4=2$	Critical  Thinking
<b>4</b>	Answer the following questions -  (i) What is a Computer Virus? (ii) What is Backup? Why it is required?. (iii) Name any two attributes of <INPUT> tag. <b>(iv)</b> What is meant by the term Data Security?	1x4= 4	HOT



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS –X**  
**ACADEMIC SESSION 2023-24**



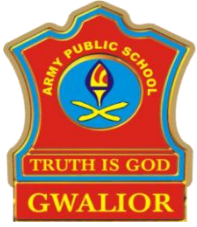
**WORKSHEET (SELF – ASSESSMENT)**

**Subject: Music (Vocal, Dance & Instrument)**  
**Allotment Date: 30 December 2023**

**Assignment No.7**

S. NO.	QUESTIONS	MARKS	NATURE
1	How many counting are there in teen Taal? a) 16 b) 15	2	Informative
2	How many division are there in teen taal? a) 4 b)10	2	Informative
3	How many times dugun is done in teen taal? a) 5 b) 2	2	Informative
4	Kesariya Balma Song is from which city?? a) Rajasthan b) Bihar	2	Informative
5	Folk songs are sung on which musical instruments ? A) Guitar B) Dholak	2	Informative
6.	On which instrument is soul beat played? ? A) Guitar B) congo	2	Informative
7.	Where did folk songs originate from ? A) Village B) city	2	Informative
8.	Dil ka darwaza ____ hua hai ? a ) khula b ) band	2	Informative

<b>9,</b>	What type of beat will be played on God's Love Song Congo? a) soul beat b) waltz beat	2	Informative
<b>10.</b>	What type of beat will be played on school Song Congo? a) waltz b) soul	2	Informative



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Work Education**

**Assignment No. : 7**

**Allotment Date: 30 December 2023**

<b>S.NO</b>	<b>QUESTIONS</b>	<b>MARKS</b>	<b>Nature</b>
1.	What is gouache in art?	2	Understanding
2.	What's in gouache paint?	2	Understanding
3.	What gouache mean in english?	2	Understanding
4.	Which famous artist used gouache?	2	Understanding
5.	What is the Difference Between Watercolour and Gouache?	2	Understanding



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - X**  
**ACADEMIC SESSION 2023-24**  
**WORKSHEET (SELF –ASSESSMENT)**

**Subject: Health and Physical Education**  
**Allotment Date: 30 December 2023**

**Assignment No. : 7**

S.NO	MULTIPLE CHOICE QUESTIONS(QUESTION 1 TO 4)	MARKS:- 1X10=10	SKILLS
1.	Triple jump know as _____ (a) Hop (b) Step (c) Jump (d) All of these	1	Problem-solving
2.	The colour line of standard track is (a) Black (b) Yellow (c) Red (d) White	1	Initiative
3.	Width of lanes of standard track is (a) 1.22 m. (b) 1.45 m. (c) 2.00 m. (d) 2.15 m.	1	Problem-solving
4.	Width of take-off board in long Jump is; (a) 45cm (b) 20 cm (3) 35 cm (d) 30 cm	1	Initiative
5.	<b>Fill in the blanks ( question 5 to 7)</b> The takeoff line shall not be less than _____ in the triple jump for men. (13 m, 10m.)	1	Thinking
6.	The inside diameter of the circle shall be _____ the shot put.( (2.135 m., 2.50m.)	1	Thinking
7.	The inside diameter of the circle shall be _____ in the discuss throw. (2.135 m., 2.50m.)	1	Self-regulation
8.	<b>True &amp; False (question 8 to 10)</b> Athletics is composed of sports involving running, walking, jumping and throwing	1	Thinking
9.	In the high jump event, the athlete must run in the start and must jump over a bar without knocking it over.	1	Initiative

10.	Running events are played in an oval	1	Problem-solving