



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: English**

**Assignment No.: 6**

**Allotment Date: 30 November 2025**

**PART I**

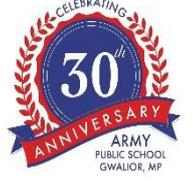
**BASIC(GENERAL QUESTIONS)**

S. NO.	QUESTIONS	MARKS	NATURE																					
Q1	Write a descriptive paragraph about your favourite character mentioned in your NCERT textbooks in about 100 to 120 words.	4	Application																					
Q2	There is an error in each line. Write the error and the correction in the answer sheet as given below:  <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">Error</td> <td style="text-align: center;">Correction</td> </tr> <tr> <td>There is more than 6000 million people</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>live on our planet Earth. The</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>Earth provide us with the air to.</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>breath, food to eat and water to.</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>drink. It give us materials to</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>build homes or shelter as well as for clothes.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> </table>		Error	Correction	There is more than 6000 million people	.....	.....	live on our planet Earth. The	.....	.....	Earth provide us with the air to.	.....	.....	breath, food to eat and water to.	.....	.....	drink. It give us materials to	.....	.....	build homes or shelter as well as for clothes.....	.....	.....	6	Understanding
	Error	Correction																						
There is more than 6000 million people	.....	.....																						
live on our planet Earth. The	.....	.....																						
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breath, food to eat and water to.	.....	.....																						
drink. It give us materials to	.....	.....																						
build homes or shelter as well as for clothes.....	.....	.....																						
Q3	Answer the following questions in 30-40 words: a) How did the Mayor and the town councillors describe the statue of the Happy Prince? b) How did Abdul Kalam earn his first wages? c) What message does O. Henry want to give to his readers through the story 'The Last Leaf' ?	(2x3=6)	Evaluation																					
Q4	Describe Maria Sharapova's journey to the summit of women's tennis.	4	Analytical Skill																					
<b>PART II</b>																								
<b>STANDARD (COMPETENCY BASED QUESTIONS)</b>																								
Q1	Describe the feelings of Santosh Yadav when she stood unfurling the Indian tricolour at Mt. Everest. How was she awarded for this?	4	Analytical Skill																					
Q2	Read the following extract and answer the questions that follow each: Then the matter Of scorching and choking In sun and air Browning, hardening,	6	Competency																					

	<p>Twisting, withering, And then it is done.</p> <ol style="list-style-type: none"> <li>1. What killed the tree? <ol style="list-style-type: none"> <li>a) Scorching and choking</li> <li>b) Floods</li> <li>c) Irresponsible behaviour</li> <li>d) All</li> </ol> </li> <li>2. The strength of the tree is exposed. What do these words convey? <ol style="list-style-type: none"> <li>a) Roots of the tree taken out of the earth</li> <li>b) Roots are withered</li> <li>c) Tree is withered</li> <li>d) All</li> </ol> </li> <li>3. What is the message of this poem? <ol style="list-style-type: none"> <li>a) Cut trees</li> <li>b) Spoil trees</li> <li>c) Don't cut trees and save them</li> <li>d) None</li> </ol> </li> <li>4. How do the trees die? <ol style="list-style-type: none"> <li>a) When they don't get water</li> <li>b) When they don't get manure</li> <li>c) When their roots are uprooted</li> <li>d) When we cut it with knife or jab</li> </ol> </li> <li>5. What is the rhyming scheme of this poem? <ol style="list-style-type: none"> <li>a) Aabc</li> <li>b) Abcd</li> <li>c) No rhyme scheme</li> <li>d) None</li> </ol> </li> <li>6. Identify the poetic device in the title of the poem "On Killing a Tree". <ol style="list-style-type: none"> <li>a) Metaphor</li> <li>b) Personification</li> <li>c) Enjambment</li> <li>d) Repetition</li> </ol> </li> </ol>		
Q3	Why does Kalam say he had a secure childhood, both materially and emotionally?	<b>5</b>	Critical thinking
Q4	How do we defile and outrage the human earth that is ours?	<b>5</b>	HOTS



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF -ASSESSMENT)**



**Subject: Hindi**

**Assignment No.: 6**

**Allotment Date: 30 November 2025**

**PART I**

**BASIC(GENERAL QUESTIONS)**

S. NO.	QUESTIONS	MARKS	NATURE
1	पुस्तकालय जाकर पत्र पत्रिकाओं के नियमित पठन की आदत-विकसित करने के लिए अपने छोटे भाई को पत्र लिखिए।	5	Information
2	परीक्षा के एक दिन पूर्व दो मित्रों की बातचीत का संवाद लेखन 50 से 60 शब्दों में कीजिए।	6	Communication Skills
3	निम्नलिखित का भाव स्पष्ट कीजिए- (क) गाता शुक जब किरण वसंती छूती अंग पर्ण से छनकर  (ख) (एक पत्र छाँह भी माँग मत, माँग मत, माँग मत! अग्नि पथ !अग्नि पथ!अग्नि पथ !  निम्नलिखित शब्दों के प्रत्यय लिखिए। मानसिक- भारतीय- इत्रदान- निम्नलिखित शब्दों के उपसर्ग लिखिए।	2  2  3	Understanding

	अनाहार  बेजान  अत्याचार	<b>3</b>	
	<b>PART II STANDARD(COMPETENCY BASED QUESTIONS)</b>		
<b>4</b>	अग्नि पथ' कविता थके-हारे निराश मन को उत्साह एवं प्रेरणा से भर देती है। स्पष्ट कीजिए।	<b>5</b>	Analytical Skill
<b>5</b>	निम्नलिखित में से किसी एक विषय पर <b>80 – 100</b> शब्दों में अनुच्छेद लिखिए।  ट्रैफिक जाम की समस्या  अथवा  पाश्चात्य सभ्यता की गिरफ्त में आते युवा	<b>5</b>	Critical Thinking and Problem Solving
<b>6</b>	निम्नलिखित प्रश्नों के उत्तर दीजिए-  1. त्रिपुरा के घरेलू उद्योगों पर प्रकाश डालते हुए अपनी जानकारी के कुछ अन्य घरेलू उद्योगों के विषय में बताइए?  2. सभी कुछ गीत है, अगीत कुछ नहीं होता। कुछ अगीत भी होता है क्या? स्पष्ट कीजिए।  3. सूखे हुए कीचड़ का सौंदर्य किन स्थानों पर दिखाई देता है?	<b>9</b>	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Mathematics**  
**Allotment Date: 30 November 2025**

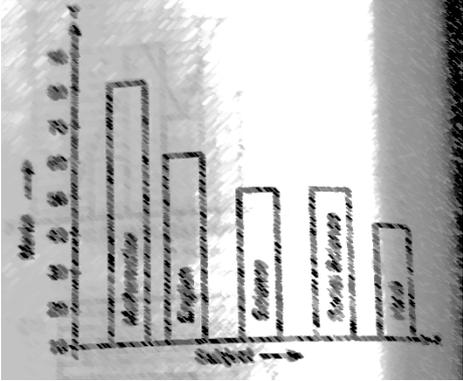
**Assignment No.: 6**

**PART I**

**BASIC (GENERAL QUESTIONS)**

<b>SNO.</b>	<b>QUESTIONS</b>	<b>MARKS</b>	<b>NATURE</b>
1.	The area of a triangle ABC in which $AB = AC = 4$ cm and angle A = $90^\circ$ IN $\text{cm}^2$ (a) 16 (b) 8 (c) 4 (d) 32	1	Knowledge
2.	The area of an equilateral triangle is 16 $\text{cm}^2$ and hypotenuse is 34 cm then the area of triangle is (a) 30 (b) 240 (c) 250 (d) 272	1	Understanding
3.	A frequency polygon can be (a) Drawn using variables (b) Drawn using bar graphs (c) Drawn independently using histogram (d) None of the above	1	Problem Solving
4.	Class marks of class 70-80 is (a) 65 (b) 85 (c) 75 (d) 150	1	Analytical
5.	The perimeter of an isosceles triangle is 32cm. The ratio of equal side to base is 3:2. Find the area of the triangle	2	Application
6.	Find the area of triangle having base 6cm and height 8cm.	2	Skill Based
7.	If the base of a right angles triangle is 15 cm and its hypotenuse is 25cm, then find the area	2	Analytical/ Problem Solving

8.	The area of an equilateral triangle is $20\sqrt{3}\text{cm}^2$ where each side is 8cm. State true or false. Justify your answer.	2	Skill Based
9.	Find the perimeter of an equilateral triangle if its area is $64\sqrt{3}\text{cm}^2$	2	Conceptual
10.	Find the perimeter of an isosceles right angled triangle having an area of $5000\text{cm}^2$	3	Critical Thinking
11.	The length of sides of triangle are in the ratio 3:4:5. And its perimeter is 144cm. Find the area	3	Analytical
<b>PART II STANDARD (COMPETENCY BASED QUESTIONS)</b>			
12.	Number of times area change when sides of a triangle get doubles (a) 2 times (b) 3 times (c) 4 times (d) 5 times	1	Conceptual Based
13.	The area of equilateral triangle is $25\sqrt{3}\text{cm}^2$ . Then its perimeter will be (a) 10cm (b) 20cm (c) 30cm (d) 40cm	1	Problem Solving
14.	The mid value of a class interval is 25 and the class size is 8. The class interval is (a) 37-45 (b) 36.5-46.6 (c) 36.5-44.5 (d) 21-29	1	Problem Solving
15.	In a frequency distribution the mid value of a class is 10 and the width of a class is 6, then the lower limit of the class is (a) 6 (b) 7 (c) 8 (d) 12	1	Critical Thinking

16.	<p><b>ASSERTION:-</b> The lower class limit for the class 50-59 is 59  <b>REASON:-</b> The least number of class is called lower class limit.</p> <p>(a) Both Assertion and Reason are true and reason is the correct explanation of assertion  (b) Both assertion (A) and reason (R) are true but reason (R) is the correct explanation of assertion (A).  (c) Assertion (A) is true but reason (R) is false  (d) Assertion (A) is false but reason (R) is true.</p>	1	Creative
17.	<p>Observe the bar graph which shows the marks obtained by a student in half yearly examination in different subjects.</p>  <p>(a) What information does the given bar graph give?  (b) Name the subject in which student scored maximum marks?  (c) State the name of subjects and marks obtained in each of them?</p>	3	Application / Analytical
18.	<p>Find the area of triangle whose perimeter is 180 cm and its two sides are 80 cm and 18 cm. Calculate the altitude of triangle corresponding to its shortest side.</p>	Ji	Analytical/  Problem Solving

<p>19.</p>	<p>The sides of a rectangular park are 20m and 30m respectively. A small triangular area of side 8m, 10m and 6m respectively is to be left out at the park for growing flowering plants. The remaining area is to be planted with natural grass.</p>  <p>(a) What is the semi – perimeter of the triangle for the above measurements?  (b) Find the area used for growing flowering plants.  (c) If the cost of planting the flowering plant is Rs 5.50 per m<sup>2</sup>, then find the total cost of planting the flowering plants.  OR  Find the area of the grass to be planted.</p>	<p><b>4</b></p>	<p>Analytical</p>
<p>20.</p>	<p>A triangular field has side 60m, 40m and 30m. Field owner has to plant grass inside it and also fence all around it. Find the cost of fencing it with barbed wire at the rate of 12 Rs per meter leaving a space 1.75m wide for a gate on one side. Also, find the area of triangular field.</p>	<p><b>5</b></p>	<p>Problem Solving  Skill Based</p>



**ARMY PUBLIC SCHOOL GWALIOR  
CLASS - IX  
ACADEMIC SESSION 2025-26  
WORKSHEET (SELF -ASSESSMENT)**



**Subject: Social Science  
Allotment Date: 30 November 2025**

**Assignment No.: 6**

**(PART-A BASIC GENERAL QUESTION) (20 MARKS)**

<b>S.NO.</b>	<b>QUESTIONS</b>	<b>MARKS</b>	<b>NATURE</b>
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1.	<b>(MULTIPLE CHOICE QUESTIONS)</b>	<b>1 × 6 = 6</b>	Information										
	<p>(i) To which of the following types of vegetation does rubber belong to?</p> <p>(a) Tundra (b) Tidal (c) Himalayan (d) Tropical Evergreen</p> <p>(ii) Match the ministry with the news that the ministry may have released:</p> <table border="1" data-bbox="272 645 1086 1077"> <tbody> <tr> <td data-bbox="272 645 730 734">(a) A new policy is being made to increase the jute exports from the country.</td> <td data-bbox="730 645 1086 734">(i) Ministry of Defence</td> </tr> <tr> <td data-bbox="272 734 730 831">(b) Telephone services will be made more accessible to rural areas.</td> <td data-bbox="730 734 1086 831">(ii) Ministry of Agriculture, Food and Public Distribution</td> </tr> <tr> <td data-bbox="272 831 730 927">(c) The price of rice and wheat sold under the Public Distribution System will go down.</td> <td data-bbox="730 831 1086 927">(iii) Ministry of Health</td> </tr> <tr> <td data-bbox="272 927 730 981">(d) A pulse polio campaign will be launched.</td> <td data-bbox="730 927 1086 981">(iv) Ministry of Commerce and Industry</td> </tr> <tr> <td data-bbox="272 981 730 1077">(e) The allowances of the soldiers posted on high altitudes will be increased.</td> <td data-bbox="730 981 1086 1077">(v) Ministry of Communications and Information Technology.</td> </tr> </tbody> </table> <p>(iii) If you are elected as the president of India which of the following decision can you take on your own?</p> <p>(a) Select the person you like as Prime Minister. (b) Dismiss a Prime Minister who has a majority in Lok Sabha. (c) Ask for reconsideration of a bill passed by both the Houses. (d) Nominate the leaders of your choice to the Council of Ministers.</p> <p>(iv) Which of the following statements about the judiciary is false ?</p> <p>(a) Every law passed by the parliament needs approval of the Supreme Court. (b) Judiciary can strike down a law if it goes against the spirit of the Constitution. (c) Judiciary is independent of the Executive. (d) Any citizen can approach the courts if her rights are violated.</p> <p>(v) The Forest Act meant severe hardship for the villagers across the country, because:</p> <p>(a) Cutting wood, grazing cattle, collecting fruits, roots, hunting and fishing became illegal. (b) People were forced to steal and if caught, they had to pay bribes to the forest guards.</p>	(a) A new policy is being made to increase the jute exports from the country.	(i) Ministry of Defence	(b) Telephone services will be made more accessible to rural areas.	(ii) Ministry of Agriculture, Food and Public Distribution	(c) The price of rice and wheat sold under the Public Distribution System will go down.	(iii) Ministry of Health	(d) A pulse polio campaign will be launched.	(iv) Ministry of Commerce and Industry	(e) The allowances of the soldiers posted on high altitudes will be increased.	(v) Ministry of Communications and Information Technology.		
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|--|--|--|--|
|  | <p>(c) Women who collected firewood were harassed by guards.</p> <p>(d) All the above.</p> |  |  |
|--|--|--|--|



	<p>(vi) Which of the following problems were faced by the people of Bastar under the colonial government? (a) People of villages were displaced without any notice of compensation (b) Villagers suffered from increased rents, frequent demands for free labour and goods by colonial officials (c) Terrible famines in 1899-1900, 1907 and 1908 (d) All the above</p>		
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2.	<p><b>(VERY-SHORT ANSWER TYPE QUESTIONS)</b></p> <p>Q. Can you identify the type of forest shown in this picture? Identify some trees in it. What type of similarity/dissimilarity you notice in this type of vegetation from the one found in your region?</p> 	2 × 1 = 2	Understanding ng
3.	<p><b>(SHORT ANSWER TYPE QUESTION)</b></p> <p>(i) Discuss how the changes in forest management in the colonial period affected the shifting cultivators?</p> <p>(ii) What factors are responsible for the distribution of plants and animals in India?</p>	3 × 2 = 6	Interdisciplinary
4.	<p><b>(LONG ANSWER TYPE QUESTION)</b></p> <p>Differentiate between the following:-</p> <p>(a) Political executive and permanent executive</p> <p>(b) Lok Sabha and Rajya Sabha</p> <p>(c) Legislature and Judiciary</p>	5 × 1 = 5	Descriptive

**(PART-B STANDARD COMPETENCY QUESTION) (20 MARKS)**

5.

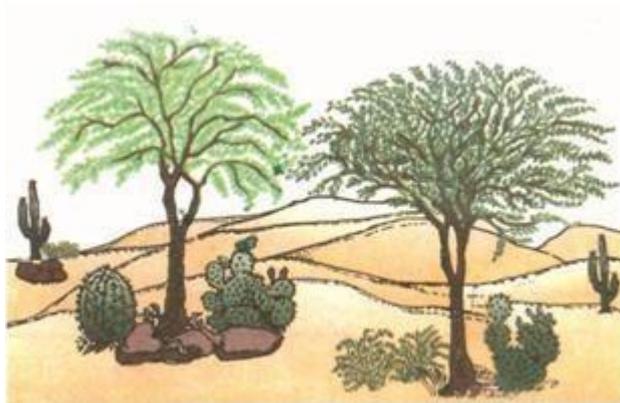
(MULTIPLE CHOICE QUESTIONS)

1 × 5 = 5

HOTS



- (i) **Which of the following best describes the image?**
- a) The Prime Minister selecting the Council of Ministers
  - b) The President of India giving assent to a bill
  - c) A government official signing a new policy document
  - d) A group of citizens protesting against government policy



- (ii) Study the picture above and identify the type of forests:
- a) Tropical thorn forest
  - b) Tropical deciduous forest
  - c) Tropical evergreen forest
  - d) Mangrove forest
- (iii) **Statement I:** The judiciary is responsible for interpreting the Constitution and protecting the fundamental rights of citizens.
- Statement II:** The judiciary is a part of the

political executive.

Which of the following is correct?

- (a) Both I and II are true.
- (b) Both I and II are false.
- (c) I is true, but II is false.
- (d) I is false, but II is true.

	(iv) Identify the appropriate option to fill in the empty boxes.					
	Forest type	Tree Name	States covered	Wildlife find		
	Mangrove Forest	Sundari tree	West Bengal, Gujarat	Tiger , Fishing cat		
	Tropical Evergreen Forest	?	?	One horned rhinos King cobras		
	<p>(a) Neem and Teak , Madhya Pradesh, Chhattisgarh and Uttar Pradesh</p> <p>(b) Babool and Khair , Rajasthan, Punjab and Haryana</p> <p>(c) Ebony and Mohogany , Kerala and Karnataka</p> <p>(d) None of the above</p> <p>(v)  <b>Read the following statements and identify the correct ones:</b>  I. The traditional hunting practices of communities like those in Bastar were prohibited by forest laws.  II. The colonial government believed that forests were unproductive and that their lands could be used for agriculture to generate income.  III. The British actively promoted wildlife conservation to protect the rich biodiversity of Indian forests.  IV. The "Taungya" system was a method of collecting forest produce that involved communal patrols by villagers. a)  I and II only  b) I, II, and IV only  c) I, II, and III only  d) I, II, III, and IV</p>					
<b>6.</b>	<b>(VERY-SHORT ANSWER TYPE QUESTIONS)</b>				<b>2 × 1 = 2</b>	Application Based
	Why Judiciary in India considered as final interpreter of the Constitution of India? Write the names of writs issued by the Supreme Court.					

<p>7.</p>	<p align="center"><b>(SHORT ANSWER TYPE QUESTION)</b></p> <p>i. What is a better for a democracy: A Prime Minister who can do whatever he wishes or a Prime Minister who needs to consult other leader and parties?</p> <p align="center"><b>OR</b></p> <p>"How do the colonial-era impacts on forests, like deforestation for plantations and the displacement of local communities, continue to affect modern conservation efforts and indigenous rights today? ii. "You notice that the trees in a park near your home are being cut down and the area is being paved for parking. How will this action affect the local wildlife, and what are two immediate and two long-term consequences for the environment?" <b>OR</b></p> <p>Which institution can the citizens approach to seek remedy, and what power does that institution have to check the government's action?</p>	<p><b>3 × 2 = 6</b></p>	<p>Real life Application Based</p>
<p>8.</p>	<p align="center"><b>(CASE BASED TYPE QUESTION)</b></p> <p><b>Read the following passage and answer the questions that follows:</b></p> <p>The President is not elected directly by the people. The elected Members of Parliament (MPs) and the elected Members of the Legislative Assemblies (MLAs) elect her. A candidate standing for President's post has to get a majority of votes to win the election. This ensures that the President can be seen to represent the entire nation. At the same time the President can never claim the kind of direct popular mandate that the Prime Minister can. This ensures that she remains only a nominal executive. The same is true of the powers of the President. If you casually read the Constitution you would think that there is nothing that she cannot do. All governmental activities take place in the name of the President.</p> <p>Q 1. Who elects the President?  Q 2. How can it be said that the President remains only a nominal executive?  Q 3. What are the activities performed in the name of the President?</p>	<p><b>2+1+1=4</b></p>	<p>Critical Thinking</p>

9.

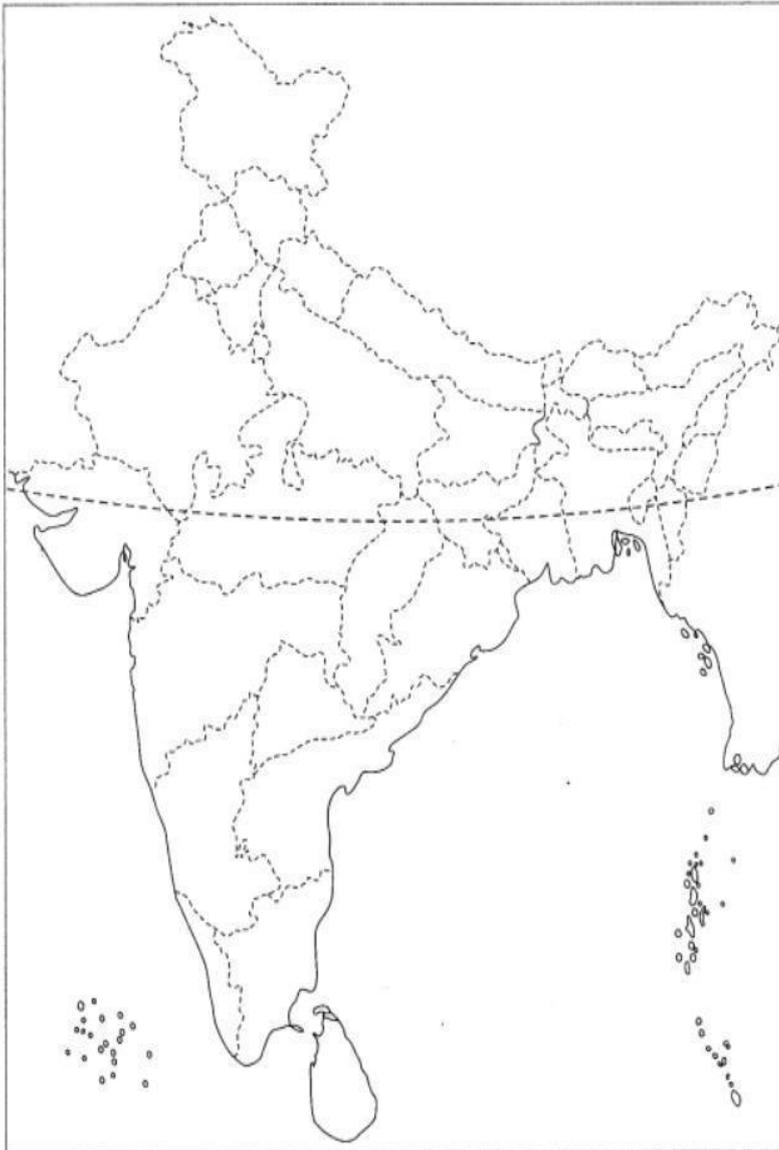
**(MAP BASED QUESTION)**

**6 × ½ = 3**

Understandi  
ng

Locate and label the following items on the given map

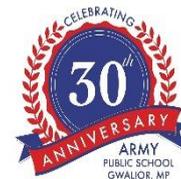
1. Tropical Evergreen Forests
2. Montane Forests
3. Tropical Thorn Forests
4. Tropical Deciduous Forest
5. Mangrove Forest
6. Dachigam National Park



<b>10.</b>	<p style="text-align: center;"><b>(PICTURE BASED QUESTION)</b></p> <p>Analyze the given picture and answer the following question:</p>  <p>Look at the above picture and identify it.</p> <ul style="list-style-type: none"><li>(a) Imperial forest school of Dehradun</li><li>(b) Reserved forests</li><li>(c) Both (a) and (b)</li><li>(d) None of the above</li></ul> <p>Q. What was taught at the Imperial Forest Research Institute? How was this system carried out?</p>	<b>1+2</b>	Application Based
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF –ASSESSMENT)**



Subject: Science

Assignment No.: 6

Allotment Date: 30 November 2025

**PART I**

**BASIC (GENERAL BASED QUESTION)**

S. NO.	QUESTIONS	MARKS	NATURE
1	MCQ BASED QUESTION Q1. <b>Isotopes are atoms of the same element which have:</b> A) Same mass number but different atomic numbers B) Same number of neutrons but different number of protons C) Same atomic number but different mass numbers D) None of these	1	Understanding
	Q2. <b>The energy released in nuclear fission comes from:</b> A) Conversion of mass into energy B) Chemical reaction C) Combustion process D) Fusion of nuclei	1	Observation
2	Q3 a) Define binding energy and binding energy per nucleon. b) Why does iron have the highest binding energy per nucleon?	2	Interdisciplinary
	Q4. Why is bee-keeping considering an income-generating agricultural practice?	2	Understanding
3	Q5 A car moving at a certain speed has kinetic energy $E$ . If its speed is doubled, what happens to its kinetic energy? Explain why this change shows that speed is more important than mass in determining kinetic energy.	3	HOT
	Q6 Farmers often use different methods to improve the yield and quality of crops. (a) What is hybridisation in crop improvement?	3	Understanding
	(b) How does manure differ from fertiliser in improving soil fertility?	3	Evaluation
	Q7 Explain how genetic improvement of crops helps in increasing food production.		
5	a) A cyclist pedals a bicycle up a hill and then coasts down the other side without pedalling. b) Discuss the transformations of energy that occur during the journey. Why does the cyclist not reach the same height on the other side?	5	Observation and analysing

	<b>PART II STANDARD(COMPETANCE BASED QUESTION)</b>		
7	<p><b>ASSERTION REASON BASED QUESTION</b>  Directions: 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:</p> <p>(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.</p> <p><b>Q.1. Assertion (A):</b> Excessive use of chemical fertilisers can reduce soil fertility.  <b>Reason (R):</b> Chemical fertilisers increase the growth of all microorganisms in the soil.</p> <p><b>Q.2 Assertion (A):</b> The nucleus of an atom contains most of its mass.  <b>Reason (R):</b> Electrons have negligible mass compared to protons and neutrons.</p> <p><b>Q3 Assertion (A):</b> Vermicompost improves soil fertility.  <b>Reason (R):</b> Earthworms decompose organic matter and enrich the soil with nutrients.</p>	1  1  1	Real life application  Understanding  Information
8	<p>Q4 Mention any two methods of irrigation and explain how they conserve water.</p> <p>Q5 A 2 kg block rests on a frictionless horizontal surface. It is pulled by a constant horizontal force of 10 N for a distance of 5 m.  (a) How much work is done by the force?  (b) What is the change in the kinetic energy of the block?  (c) What is the final speed of the block if it starts from rest?</p> <p>Q6. If the nucleus of an atom is about <math>10^{-15}</math>m in radius, and the atom's radius is about <math>10^{-10}</math>m, what does this tell you about the structure of an atom?</p>	2  2  2	Real life relevance  Reasoning  Critical Thinking
9	<p>Q7. a) What is crop variety improvement? Mention any two objectives of it.  b) Differentiate between manure and fertiliser.  c) What is vermicomposting?</p> <p>Q8 Two different elements have nuclei with the same number of nucleons but different binding energies per nucleon.  a) Which one will be more stable, and why?  b) Explain how this relates to nuclear stability.</p>	3  3	Real life relevance  Critical Thinking
10	<p><b>Q9.</b> Farmers are encouraged to use bio-fertilisers and organic manure instead of chemical fertilisers.  <b>Give reasons:</b>  1. Why is the use of bio-fertilisers considered more sustainable than chemical fertilisers?</p>	5	critical thinking  analysing and reasoning  Observation and explanation

	<ol style="list-style-type: none"><li>2. Why should excessive use of chemical fertilisers be avoided in agriculture?</li><li>3. How does organic manure improve the texture and water-holding capacity of the soil?</li></ol>		
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Computer**

**Assignment No.: 6**

**Allotment Date: 30 November 2025**

S.NO.	QUESTIONS	MARKS(10)	NATURE
1	<p><b>Choose and write the correct option (MCQ):-</b></p> <p>(i) Which attribute is correct to use to align the image in centre?</p> <p>a. <code>&lt;img align="center"&gt;</code> b. <code>&lt;p align="center"&gt;</code> c. <code>&lt;image align = "center"&gt;</code> d. <code>&lt;imgalignment="center"&gt;</code></p> <p>(ii) Which tag will you use to insert a horizontal line in your web page?</p> <p>a. <code>&lt;hr&gt;</code> b. <code>&lt;hn&gt;&lt;/hn&gt;</code> c. <code>&lt;br&gt;</code> d. <code>&lt;body&gt;&lt;/body&gt;</code></p> <p>(iii) Which tags will you need to change the font settings like font size, font color?</p> <p>a. <code>&lt;body&gt;&lt;/body&gt;</code> b. <code>&lt;hn&gt;&lt;/hn&gt;</code> c. <code>&lt;font&gt;&lt;/font&gt;</code> d. <code>&lt;br&gt;</code></p> <p>(iv) Which attribute is used to set the background colour of the web page?</p> <p>a. Backcolor b. Background color c. Forecolor d. bgcolor</p>	0.5x4=2	Information
2	<p><b>Fill in the blanks-</b></p> <p>(i) A _____ is mark-up, which indicates how the contents on a web page should look.</p> <p>(ii) The _____ tags are standalone tags and do not have an end tag.</p> <p>(iii) The _____ attribute is used to display a brief message, when the image is pointed to.</p> <p>(iv) _____ is the text with cross-reference links between pages.</p>	0.5x4=2	Understanding

<b>3</b>	<b>Write short notes on following-</b> (i) Hyperlink (ii) Markup language (iii) Empty tags (iv) Unordered list	$\frac{1}{2} \times 4 = 2$	Critical  Thinking
<b>4</b>	<b>Answer the following questions -</b> 1. What is HTML? Write about tags and attributes 2. How do you create hyperlinks? 3. What is the difference between   and <hr> tags? 4. Write about List item tags.	4x1=4	HOT



<p>a) Innovation</p> <p>b) Organising resources</p> <p>c) Taking risks</p> <p>d) Sleeping</p>	0.5	
<p>Q4. Which of the following is a myth about entrepreneurship?</p> <p>a) Entrepreneurs take risks</p> <p>b) Entrepreneurs are born, not made</p>	0.5	
<p>c) Entrepreneurs innovate</p> <p>d) Entrepreneurs create jobs</p>	0.5	
<p>Q5. Sustainable development means —</p> <p>a) Using all resources quickly</p> <p>b) Saving resources for future generations</p>		
<p>c) Destroying nature</p> <p>d) Producing more waste</p>		
<p>Q6. Which of the following is a renewable resource?</p> <p>a) Coal</p> <p>b) Petroleum</p>		
<p>c) Wind</p> <p>d) Natural gas</p>		
<p>Q7. Which practice helps reduce environmental pollution?</p> <p>a) Using plastic bags</p> <p>b) Burning waste</p>		
<p>c) Recycling</p>		

	<p>d) Wasting electricity</p> <p>Q8. Green skills are required to —</p> <p>a) harm the environment</p> <p>b) support sustainable development</p> <p>c) increase pollution</p> <p>d) waste resources</p>		
<b>II</b>	<p>Fill in the blanks :- (0.5X6=3))</p> <p>1. An entrepreneur is a person who _____ a business.</p> <p>2. One key quality of an entrepreneur is _____.</p> <p>3. Entrepreneurs create _____ for others.</p> <p>4. Sustainable development aims to protect the _____.</p> <p>5. Reducing, reusing, and recycling are known as _____.</p> <p>6. Solar energy is an example of _____ energy.</p>	<p>0.5</p> <p>0.5</p> <p>0.5</p> <p>0.5</p> <p>0.5</p>	<p>Recall &amp; Accuracy and decision-making</p>
<b>III</b>	<p>Section B: Short Answer Questions (2 × 5 = 10 Marks)</p> <p>Q1. Define entrepreneurship.</p> <p>Q2. Write two qualities of an entrepreneur.</p> <p>Q3. Mention two myths about entrepreneurship.</p> <p>Q4. What is sustainable development?</p> <p>Q5. Give two examples of renewable resources.</p>	<p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>2</p>	<p>Comprehension, Application and Critical Thinking</p>

<b>IV</b>	Section C: Long Answer Questions (4× 2 = 8 Marks)		Critical Thinking, Problem- Solving & Expression
	Q1. Explain any four functions of an entrepreneur.	4	
	Q2. Describe the importance of green skills in today's world.	4	



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Multimedia**

**Assignment No.: 6**

**Allotment Date: 30 November 2025**

S. No.	QUESTIONS	MARKS	NATURE
1	What do you understand by the term “Entrepreneurship”?	1	Information
2	Explain the difference between Renewable and Non renewable source.	1	Information
3	What is Sustainable Development?	1	Critical Thinking
4	Write any one quality of an entrepreneur.	1	Information
5	What is Green Economy?	1	Information
6	Explain the term “Open to Trial and Error”	1	
7	Explain about the below term(R3) with suitable example:  (a) Reduce  (b) Reuse  (c) Recycle	3x3= 9	Understanding
8	Explain the role of Entrepreneurship?	2	Understanding
9	What is Wage Employment?	2	Understanding
11	Explain any two characteristics of entrepreneur.	2	Analytical
12	Explain Entrepreneurship Development Process	2	Understanding
13	What is Green Jobs?	2	Understanding



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**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Information Technology**  
**Allotment Date: 30 November 2025**

**Assignment No.: 6**

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>1. What is the extension of LibreOffice Writer document? a) .docx b) .odt c) .xps d) .rtf</p> <p>2. Which option should you choose in a document to print only specific, non consecutive pages? a) All pages b) Pages c) Selection d) Print Preview</p> <p>3. The keyboard shortcut for Undo _____.</p> <p>4. In Mail Merge Wizard, which of following does not appear under 'Steps'? a) Select Starting document b) Select Document type. c) Both a and b d) Insert address block</p> <p>5. What is the term for text that appears in the top margin of the page? a) Heading b) Header c) Footer d) Headnote</p>	1m x 5=5	Information
2	<p>1. What is Mail Merge? Name the documents involved in Mail Merge. 2.Explain any five features of word processor.</p>	2.5m X 2 = 5	Understanding and Problem Solving
3	<p>1. In a document all the occurrences of word "Global" have to be changed to "Local". Which option is suitable for this and what is the shortcut command used for it? 2. What are not printing characters? 3. Name any four Change Case option.</p>	2m X 3 = 6	Critical Thinking
4	<p>1. Explain Header and Footer. 2. Write the procedure to create a table in LibreOffice Write. 3. What is margin? Write about the different types of margin.</p>	3mX3= 9	HOT



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**ACADEMIC SESSION 2025-26**  
**WORKSHEET (SELF -ASSESSMENT)**



**Subject: Music (Performing Art)**  
**Allotment Date: 30 November 2025**

**Assignment No.: 6**

S. NO.	QUESTIONS	MARKS	NATURE
1	What type of song is "Teri hai zameen "? a) Patriotic b) Prayer	1	Informative
2	Teri hai ____Tera asmaan? a) zameen b) Nadhi	1	Informative
3	Tu bada ____ meharbaan tu ? a) Meharbaan b) kadradaan	1	Informative
4	Sabhi ka hai tu sabhi ____? a) Tere b) Mere	1	Informative
5	Khuda mere tu ____kar ? a) Baksheesh b) Rehamat	1	Informative
6.	Teri marjee se a malik hum is ____ main aaye hai? a) Duniya b) sansaar	1	Informative

<b>7.</b>	Tu apni _____ hum par rakhna ? a) Nazar b) Nigah	1	Informative
<b>8.</b>	How many part are there in congo? a) 2 b) 3	1	Informative
<b>9,</b>	Four four beat is played with which type of music ? a) western music b) Light music	1	Informative
<b>10.</b>	How many types are there in four four beats? a) A lot of b) Not even one	1	Informative

