

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



Subject: English

Assignment No. : 1

Allotment Date: 30 April 2024

S.NO		MARKS	NATURE
01	What was the County Inspector trained to do?	6	information
02	What do you mean by a regular teacher ?	4	Understanding
03	Why had Margie started hating her school?	5	HOTS
04	What is the central theme of the poem 'The Lost Child'?	5	HOTS
05	<u>What season do you think this poem ' The Road Not Taken ' takes place in? Why?</u>	5	Analytical Skills
06	What is wood ? What did the poet see in the woods? Were the paths similar?	5	Critical Thinking and Problem Solving
07	Describe all the poetic devices applied in the poem " The Road Not Taken "	10	Evaluation



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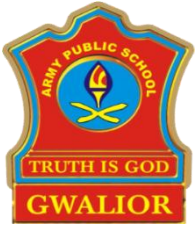
Subject: Hindi

Assignment No. : 1

Allotment Date: 30 April 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	अपने जन्मदिन पर मित्र द्वारा भेजे गए उपहार के लिए धन्यवाद पत्र लिखिए।	5	Information
2	वनों की अंधाधुंध कटाई पर चिंता प्रकट करते हुए दो मित्रों के मध्य हुए संवाद का लेखन 50 से 60 शब्दों में कीजिए	6	Communication Skills
3	नीचे दिए गए शब्दों में उचित स्थान पर अनुनासिक का प्रयोग करके शब्दों को पुनः लिखिए- आख, हसमुख (ख (नीचे दिए गए शब्दों में उचित स्थान पर अनुस्वार का प्रयोग करते हुए शब्दों का मानक रूप लिखिए – नितात, अक निम्नलिखित शब्दों के प्रत्यय लिखिए आनंदित - प्रसन्नता - वास्तविक - निम्नलिखित शब्दों के उपसर्ग लिखिए बिनमाँगे नासमझ प्रतिशत	2 2 3 3	Understanding

4	इस पाठ का शीर्षक 'दुख का अधिकार' कहाँ तक सार्थक है? स्पष्ट कीजिए।	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर 80 - 100 शब्दों में अनुच्छेद लिखिए मधुर वाणी की महत्ता अथवा देशप्रेम-	5	Critical Thinking and Problem Solving
6	निम्नलिखित प्रश्नों के उत्तर दीजिए- 1. बाज़ार के लोग खरबूजे बेचनेवाली स्त्री के बारे में क्याक्या कह - रहे थे? अपने शब्दों में लिखिए। 2. लेखक ने बुढ़िया के दुख का अंदाज़ा कैसे लगाया? 3. दूसरे पद में कवि ने 'गरीब निवाजु' किसे कहा है? स्पष्ट कीजिए।	9	Evaluation



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



Subject: Mathematics

Assignment No. : 1

Allotment Date: 30 April 2024

S.NO.	QUESTI ON	MARK S	NATURE
1	Write in p/q form : 0.5666666..... (a) 51/90 (b) 56/99 (c) 78/99 (d) 50/909	1	Understanding
2	Write the decimal expansion of 7/150 (a) 0.044 (b) 0.325 (c) 0.04666... (d) 0.258888...	1	Application
3	Which of the following is the rational number (a) 1/0 (b) 1/√8 (c) √5 + √625 (d) 25.639663966396....	1	Understanding
4	Rational numbers are denoted by which symbol? (a) R (b) Q (c) Z (d) I	1	Interdisciplinary
5	Which rational number lies between the 25 and 36 (a) 258/9 (b) 300/5 (c) 258/269 (d) 5656/8789	1	Analytical Skill
6	Solve the following $1024^{1/10}$ (a) 3 (b) 2 (c) 6 (d) 8	1	Critical Thinking and Problem Solving

7	.What is the value of $1/\sqrt{5}$ (a) $\sqrt{5}/5$ (b) $5/\sqrt{5}$ (c) $2/5$ (d) $9/25$	1	Analytical Thinking
8	.Assertion (A): 5 is a rational number. Reason (R) ; The square roots of all positive integers are irrationals. a) Both A and R are true and R is the correct explanation of A. b) Both A and R are true but R is not the correct explanation of A. c) A is true but R is false. d) A is false but R is true.	1	Understanding
9	Which one of the following is true? (a) The sum of two irrational numbers is always an irrational number. (b) The sum of two irrational numbers is always a rational number. (c) The sum of two irrational numbers may be a rational or an irrational number. (d) The sum of two irrational numbers is always an integer.	1	Interdisciplinary

10	Find 5 irrational numbers between 7 and 8	2	Interdisciplinary
11.	Write 0.2565656 number in p/q form.	2	Application
12	Rationalise $\frac{5}{\sqrt{7}+1}$	2	Evaluation

13	Solve the following $(256)^{2/3}$	2	Analytical Thinking
14	Rationalise $\frac{8}{\sqrt{5}+\sqrt{7}}$	2	Evaluation
15	Represent $\sqrt{3}$ on number line and show mathematically.	3	Evaluation
16.	Find the value of $\frac{\sqrt{3}+1}{\sqrt{3}-1} = a + b\sqrt{3}$	3	Analytical thinking
17.	.Solve the following using identities (a) $2^{15/5} \cdot 2^{21/5}$ (b) $25^{25/50}$	3	Problem solving
18.	Find 10 rational numbers between $5/9$ and $7/36$	3	Evaluation

19.	<p>Two class mates salma And Anil simplified two different expressions during the revision hour and explained to each other their simplifications.</p> <p>Salma explains the simplification of $\frac{\sqrt{2}}{\sqrt{5+\sqrt{3}}}$ by rationalising the denominator and Anil explains the simplification of $(\sqrt{2} + \sqrt{3})(\sqrt{2} - \sqrt{3})$ by using an identity. Answer the following questions.</p> <p>(a) What is the rationalisation of $\frac{\sqrt{1}}{\sqrt{5+\sqrt{3}}}$</p> <p>(b) By rationalization . Salma will get the answer as ?</p> <p>(c) $(\sqrt{2} + \sqrt{3})(\sqrt{2} - \sqrt{3})$</p>	4	Interdisciplinary
20.	Represent $\sqrt{8.6}$ on number line. Also write steps of construction.	5	Critical thinking



ARMY PUBLIC SCHOOL GWALIOR
CLASS - IX
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WORKSHEET (SELF –ASSESSMENT)



Subject: Science

Assignment No. : 1

Allotment Date: 30 April 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Define velocity. Give its S.I unit. Q2. Define melting point. Q3. What is cell?	1 1 1	Information
2	Q4. Write three differences between osmosis and diffusion. Q5. Differentiate between distance and displacement. (any three points) Q6. Cotton is solid but it floats on water. Why?	3 3 3	Understanding
3	Q7. Define scalar quantity and vector quantity. Give two examples of each. Q8. What are the characteristics properties of the Particles of matter.	3 3	HOT
4	Q9. Describe one activity to show hypotonic, isotonic and hypertonic solution. Q10. An object travels 16m in 4s and another 16m in 2s. What is the average speed of the object?	3 3	Interdisciplinary
5	Q11. Explain why solids have fixed shape but liquids and gases do not have fixed shapes. Q12. A rubber band is a solid, but it can change its shape. why?	3 3	Analytical Skill
6	Q12. (a) When will you say a body is in (i) uniform acceleration? (ii) non-uniform acceleration? (b) Under what condition is the magnitude of average velocity equal to average speed?	5	Critical Thinking and Problem Solving
7	Q13. Draw a labelled diagram of plant cell.	5	Evaluation



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

Subject: Social Science

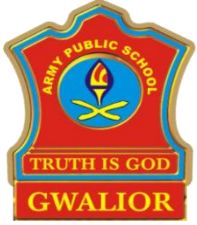
Assignment No. : 1

Allotment Date: 30 April 2024

S. No.	Question	Marks	Nature
1	1. When was France declared a republic? (i) On 21 September 1792 (ii) On 21 May 1792 (iii) On 21 September 1793 (iv) On 5 August 1793	1	Information
	2. Uttarakhand, Uttar Pradesh, Bihar, West Bengal and Sikkim have common frontiers with: (i) China (iii) Bhutan (ii) Nepal (iv) Myanmar	1	
	3. Although Louis XVI had signed the constitution of 1791, he entered into secret negotiations with theto send troops to help him put down the events that had been taking place there since the summer of 1789. (i) King of Austria (iii) King of England (ii) King of Germany(iv) King of Prussia	1	
	4. The easternmost longitude of India is: (i) 97*25' E (ii) 68*7' E (iii) 77*6' E (iv) 82*32' E	1	
	5. Who advocated government based on Social Contract? (i) Charles Darwin (iii) Herbert Spencer (ii) Rousseau(iv) None of the above	1	
	6. With reference to India's location on the world map, identify the incorrect from the following options. (i) India is a vast country lying completely in tropical zone. (ii) The Tropic of Cancer (23*30'N) divides the country into almost two equal parts. (iii) To the southeast, lie the Andaman and Nicobar Islands in Bay of Bengal. (iv) To the southwest of the mainland, lie the Lakshadweep islands in Arabian sea.	1	
	7. What is the percentage of India's total area in relation to	1	

	<p>the total geographical area of the world?</p> <p>(i) 2.4%</p> <p>(ii) 2.6%</p> <p>(iii) 3.4%</p> <p>(iv) 3.9%</p> <p>8. When was Bastille destroyed?</p> <p>(i) 14th July 1789</p> <p>(ii) 14th July 1798</p> <p>(iii) 2nd 1789</p> <p>(iv) 5th August 1879</p> <p>9. What was taille known as?</p> <p>(i) Indirect tax (ii) Direct tax</p> <p>(iii) Agricultural produce (iv) Extreme poverty</p> <p>10. Which right was given to the French women in 1946?</p> <p>(i) Right to hold political offices</p> <p>(ii) Right to get education</p> <p>(iii) Right to divorce</p> <p>(iv) Right to vote</p>	<p>1</p> <p>1</p> <p>1</p>	
2	<p>What was subsistence crisis? Mention how increasing of population responsible for this crisis?</p> <p style="text-align: center;">OR</p> <p>What if the latitudinal extent of India? How does it influence our lives?</p>	3	Interdisciplinary
3	<p>What drastic changes were brought about by the National Assembly in 1789?</p> <p style="text-align: center;">Or</p> <p>Why do we need a Standard Meridian for India?</p>	3	Evaluation
4	<p>Why were images and symbols used in the eighteenth century France? What do the following symbols stand for?</p> <p>i) The broken chain</p> <p>ii) The Law Tablet</p> <p style="text-align: center;">Or</p> <p>Describe the location of India in the world map.</p>	3	Understanding
5	<p>“India’s land routes have been important since ancient time.” Explain.</p>	3	Evaluation
6	<p>Discuss about the latitudinal and longitudinal extension of India.</p>	3	HOTs
7	<p>What was the ‘Declaration of Rights of Man and Citizen according to the French Constitution of 1791?</p> <p style="text-align: center;">Or</p> <p>India occupies an important strategic position in South Asia. Discuss.</p>	5	HOTs
8	<p>Why did Louis XVI call together an assembly of the Estates General on 5 May 1789? What was its outcome?</p>	5	Analytical skill

	Or What were the salient features of the Robespierre's government?		
9	Map based question.	5	Map Skill
9.1	On the Political Map of France, locate and label the following places. (Any two) (a) Bordeaux (b) Nantes (c) Paris (d) Marseilles	2	
9.2	On the map of India, locate the following. (Any three) a) Standard Time Meridian b) Lakshadweep Islands c) Smallest state of India d) Westernmost longitude of India e) Palk Strait	3	



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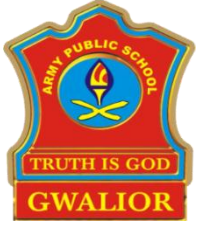


Subject: Computer

Assignment No. : 1

Allotment Date: 30 April 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Short Definition : (i) Assembly Language (ii) Inheritance (iii) OOP (iv) Language Processor	$4 \times \frac{1}{2} = 02$	Information and Understanding
2	Answer the following questions:- (i) Write any two difference between procedural and Non-procedural Languages. (ii) Write any two advantages of high level language. (iii) Write any two difference between compiler and interpreter (iv) Write any two difference between Machine Language and High Level Language.	$4 \times 1 = 4$	HOT
3	Find out and write the names and nature of any ten high level languages.	$1 \times 2 = 2$	Interdisciplinary
4	Write a program in any high level language to print the sum of any two inputted numbers.	$1 \times 2 = 2$	Critical Thinking and Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS - IX
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WORKSHEET (SELF –ASSESSMENT)



Subject: Health and Physical Education

Assignment No. : 1

Allotment Date: 30 April 2024

S.NO	MULTIPLE CHOICE QUESTIONS(QUESTION 1 TO 4)	MARKS:- 1X10=10	SKILLS
1.	1. What is the height of lower edge of board from the floor? A. 3.12 m. B.4 m. C.2.90 m. D 2.5 m.	1	Problem-solving
2.	2. What is the radius of center circle of basketball court? A. 1.80 m. B 1.15 m C 2.15 m D 3.15 m.	1	Initiative
3.	What is the weight of basketball? A. 600 to 650 gm. B. 750to 850 gm. C. 800 to 850 gm. D 900 to 950 gm.	1	Problem-solving
4.	What is the circumference of basketball? A. 58 to 60 cm. B. 40 to 45 cm. C. 75 to 78 cm. D. 35 to 38 cm.	1	Initiative
5.	Fill in the blanks (question 5 to 7) Players may only hold the ball for__ second. (3 seconds, 4 seconds)	1	Leadership
6.	Breadth of boundary lines of basketball court _____? (5 cm , 3 cm)	1	Thinking
7.	_____height of lower edge of board from floor. (2.90 m., 3.10 m.)	1	Self-regulation

8.	True & False (question 8 to 10) There are 7 substitute players in basketball team. A True B.False	1	Initiative
9.	Over arm pass is a terminology of basketball. A. True B. False	1	Thinking
10.	There are 5 players in basketball team A. True B. False	1	Problem-solving



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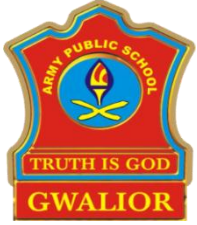


Subject: Music (Vocal and Dance)
Allotment Date: 30 April 2024

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	How many counting are there in teen Taal? a) 16 b) 15	1	Informative
2	How many division are there in teen taal? a) 4 b) 10	1	Informative
3	How many times dugun is done in teen taal? a) 5 b) 2	1	Informative
4	What is the empty symbol in teen taal? a) 2 b) 0	1	Informative
5	At what volume is it empty in teen taal? a) 9 b) 3	1	Informative
6.	How many parts in kaharwataal? a) 2 b) 4	1	Informative
7.	What is north indian classical music known as ? a) Hindustani b) Carnatic	1	Informative
8.	How many matras in kaharwataal? a) 10 b) 8	1	Informative
9,	Which instrument is avnadyavadya? a) Damru	1	Informative

	b)Flute		
10.	Which type of instrument is Shankh? a)Shushir b)String	1	Informative



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Subject: Work Education

Assignment No. : 1

Allotment Date: 30 April 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	A _____ is a drawing or painting that focuses on still objects. A. Emotive B. Still life C. Perspective D. Diagrammatic	1 mark	Creative Skills
2	Who invented still life? A. Leonardo da Vinci B. Michelangelo C. Jacopo de'Barbari D. Vincent Van Gogh	1 mark	Creative Skills
3	Another name of hatching techniques is _____ hatching. A. Parallel B. Cross C. Scribbling D. Stippling	1 mark	Creative Skills
4	_____ is built up by applying dots in different densities. A.Parallel B.Cross C.Scribbling D.Stippling	1 mark	Creative Skills
5	Objects that are not the main focus of an image. The image or design in the back are called_____. A. Positive Space	1 mark	Creative Skills

	<p>B. Negative Space</p> <p>C. Contrast</p> <p>D. Grid System</p>		
6.	<p>The way the viewer sees an image. It can be above, below, or at eye-level is called _____.</p> <p>A. Contrast</p> <p>B. Grid System</p> <p>C. Point of View</p> <p>D. Value</p>	1 mark	Creative Skills
7	<p>When one object passes in front of another object to create layering is called _____.</p> <p>A. Shape-</p> <p>B. Overlapping</p> <p>C. Texture-</p> <p>D. Composition-</p>	1 mark	Creative Skills
8	<p>_____ is the arrangement of objects, images, or colours placed in a way to create motion.</p> <p>A. Movement-</p> <p>B. Positive Space</p> <p>C. Negative Space</p> <p>D. Texture-</p>	1 mark	Creative Skills
9	 <p>Picture shown above is of which technique?</p> <p>A. Scribbling</p> <p>B. Contour Hatching</p> <p>C. Stippling</p> <p>D. Scribbling</p>	1 mark	Creative Skills
10		1 mark	Creative Skills



Picture shown above is of which technique?

- A. **Contour Hatching**
- B. **Stippling**
- C. **Cross Hatching**
- D. **Scribbling**