



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



**Subject: English**

**Assignment No. : 2**

**Allotment Date: 27 July 2024**

<b>S.NO</b>		<b>MARKS</b>	<b>NATURE</b>
<b>01</b>	What was Evelyn Glennie's major accomplishment despite her hearing impairment?	<b>6</b>	<b>information</b>
<b>02</b>	What is the central theme of the poem "Wind"?	<b>4</b>	<b>Understanding</b>
<b>03</b>	Evaluate the role of determination in Evelyn Glennie's success. How might her journey have been different if she had not pursued her passion for music despite her disability?	<b>5</b>	<b>HOTS</b>
<b>04</b>	Analyze how the poet uses the wind as a metaphor for challenges and adversities in life. How effective is this metaphor in conveying the poem's message?	<b>5</b>	<b>HOTS</b>
<b>05</b>	Discuss the significance of the title "The Little Girl." How does it reflect the themes of innocence, misunderstanding, and growth in the story?	<b>5</b>	<b>Analytical Skills</b>
<b>06</b>	Examine the decision-making process of the narrator's grandfather in buying Toto. What factors might he have considered, and what do you think he overlooked?	<b>5</b>	<b>Critical Thinking and Problem Solving</b>
<b>07</b>	Assess Toto's impact on the narrator's household. Do you think the family was better or worse off with Toto around? Provide reasons for your evaluation.	<b>10</b>	<b>Evaluation</b>



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**REVISION WORKSHEET (SELF –ASSESSMENT)**

Subject: Hindi

Assignment No. : 2

Allotment Date: 27 July 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	आपके विद्यालय से जम्मू कश्मीर भ्रमण हेतु छात्रों का एक दल जा रहा है। इस यात्रा में शामिल होने के कारणों का उल्लेख करते हुए अपने पिता जी से अनुमति माँगते हुए पत्र लिखिए।	5	Information
2	बढ़ती गरमी और कम होती वर्षा के बारे में 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- मुह, साप (ख (नीचे दिए गए शब्दों में उचित स्थान पर अनुस्वार का प्रयोग करते हुए शब्दों का मानक रूप लिखिए – बिदु, बधन निम्नलिखित शब्दों के प्रत्यय लिखिए। चौकीदार - साप्ताहिक - पढ़ाकू- निम्नलिखित शब्दों के उपसर्ग लिखिए। अत्याचार अधजला	2 2 3 3	Understanding

	कुचाल		
4	लेखक ने बुढ़िया के दुख का अंदाज़ा कैसे लगाया? स्पष्ट कीजिए।	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर 80 - 100 शब्दों में अनुच्छेद लिखिए।  जीवन में सरसता लाते त्योहार  अथवा  दिनोंदिन बढ़ती महँगाई	5	Critical Thinking and Problem Solving
6	निम्नलिखित प्रश्नों के उत्तर दीजिए-  1. नज़दीक से एवरेस्ट को देखकर लेखिका को कैसा लगा?  2. साउथ कोल कैंप पहुँचकर लेखिका ने अगले दिन की महत्त्वपूर्ण चढ़ाई की तैयारी कैसे शुरू की?  3. गिलहरी के घायल बच्चे का उपचार किस प्रकार किया गया?	9	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
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**Subject: Mathematics**

**Assignment No. : 2**

**Allotment Date: 27 July 2024**

S.NO.	QUESTIONS	MARKS	NATURE
1	What is reference point called in cartesian system? (a) Abscissa (b) ordinate (c) origin (d) quadrants	1	Understanding
2	In which quadrant does the $(-8,5)$ lies? (a) First (b) second (c) third (d) Fourth	1	Application
3	Which of the following is the factor of the given polynomial $x^2 - 4x - 5$ . (a) 1 (b) -1 (c) 8 (d) -2	1	Understanding
4	What is the degree of the given polynomial $x^3 - 4x^2 + 9x^5 - 7$ (a) 3 (b) 2 (c) 5 (d) 4	1	Interdisciplinary
5	Which of the following is the rational number? (a) 0.258 (b) 2.0336 (c) 0.258258258.... (d) 3.25	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	How many quadrants does a cartesian plane have?  (a) 8 (b) 4 (c) 3 (d) 2	1	Analytical Thinking
8	<b>.Assertion(A):</b> $3x^2 + x - 1 = (x+1)(3x-2) + 1$  <b>Reason (R)</b> ; To factorise $ax^2+bx+c$ , write b as the sum of two numbers whose product is ac.  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 butR is false. d) A is false but R istrue.	1	Understanding
9	What is the square root of 0.000625  (a) 0.025 (b) 0.0025 (c) 2.5 (d) 0.25	1	Interdisciplinary

10	Factorise the given polynomial $2x^2 - 14x - 120$ and find the roots.	2	Interdisciplinary
11.	Rationalise the following $\frac{6+\sqrt{2}}{\sqrt{5}}$  _____	2	Application
12	Solve using identity $(99)^3 + (1)^3$	2	Evaluation

13	Factorise the following :- $X^3 - 2x^2y + 3xy^2 - 6y^3$	2	Analytical Thinking
14	Expand using identity $(2x-y+4z)^2$	2	Evaluation
15	Factorise the following:- $x^2 - y^2 - 4xz + y^2$	3	Evaluation
16.	Solve- (a) - $(8x^3 + 125y^3 + 60x^2y + 125y^2)$  (b) Verify :- $x^3 + y^3 = (x+y)(x^2 + y^2 - xy)$	3	Analytical thinking
17.	Factorise the following:- $[x^2 + 1/x^2] - 4[x + 1/x] + 6$	3	Problem solving
18.	Solve the following :  (a) $[(-25)^3 + (8)^3 + (17)^3]$  (b) $(2a+5b)^3$  (c) $(9z - 4b)^3$	3	Evaluation

19.	<p>Ankur and Ranjan start a new business together. The amount invested by both the partners together is given by the polynomial <math>p(x) = 4x^2 + 12x + 5</math>, which is the product of their individual shares.</p> <p>(a) Coefficient of <math>x^2</math> in the given polynomial.</p> <p>(b) What is the total amount invested by both, if <math>x=1000</math> is?</p> <p>(c) What are the shares of Ankur and Ranjan invested individually?</p> <p>(d) Find the Value of <math>x</math>, if the total amount invested is equal to 0.</p>	4	Interdisciplinary
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
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**REVISION WORKSHEET (SELF –ASSESSMENT)**



**Subject: Science**

**Assignment No. : 2**

**Allotment Date: 27 July 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Which speed is greater: 30 m/s or 30 km/h? Q2. Which of the following is a mixture? Salt, Air, Water, Alum, Sugar. Q3. Name the scientist who discovered the nucleus?	1 1 1	Information
2	Q4. What are chromosomes ? Where are they located? Write any one function of chromosomes. Q5. What is uniform acceleration? Q6. State three reasons why you think air is a mixture and water is a compound.	3 3 3	Understanding
3	Q7. What is the difference between uniform velocity and non-uniform velocity? Q8. What is the difference between colloids and suspensions?	3 3	HOT
4	Q9. Differentiate between a plant cell and an animal cell. Q10. A train starts from rest and accelerates uniformly at the rate of $5 \text{ m/s}^2$ for 5 sec. Calculate the velocity of train in 5 sec.	3 3	Interdisciplinary
5	Q11. Why are alloys regarded as mixtures? Q12. Which of the following will show Tyndall Effect and why? (a) Salt solution (b) Starch solution (c) Milk (d) Copper sulphate solution	3 3	Analytical Skill
6	Q12. A car starts from rest and acquires a velocity of 54 km/h in 2 sec. Find (i) the acceleration (ii) distance travelled by car assuming motion of car is uniform?	5	Critical Thinking and Problem Solving
7	Q13. What is Plasmolysis? Draw a well-labelled diagram of Plasmolysis.	5	Evaluation





	<p>(b) Purvanchal</p> <p>(c) Shivalik</p> <p>(d) Himachal</p> <p>(iv) Physical capital is of two types-</p> <p>(a) Fixed capital and Working capital</p> <p>(b) Farming capital and Human capital</p> <p>(c) Fixed capital and Human capital.</p> <p>(d) All of these</p> <p>(v) The peninsular plateau of India is part of which of the following landmass.</p> <p>(a) Angaraland</p> <p>(b) Tethys</p> <p>(c) Gondwanaland</p> <p>(d) None of these</p> <p>(vi) Multiple cropping and modern farming methods</p> <p>(a) Increase agricultural productivity</p> <p>(b) Decrease agricultural productivity</p> <p>(c) Increase income level</p> <p>(d) All the above</p>	<p>1</p> <p>1</p> <p>1</p>	
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(vii) What is peculiar with ZANU-PF?

- (a) It has never won any election.
- (b) It has always won elections.
- (c) It is one-man party.
- (d) It is the biggest political party in the world.

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(viii) Farmers of which states first tried out the modern farming method in India?

- (a) Punjab, Haryana and western Uttar Pradesh
- (b) Punjab, Haryana and eastern Uttar Pradesh
- (c) Punjab, Haryana and Rajasthan
- (d) Madhya Pradesh, Haryana and Rajasthan

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(ix) Which island of India are called Coral Islands?

- (a) Lakshadweep
- (b) Andaman and Nicobar
- (c) Nicobar
- (d) None of the above

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(x) When did the Green Revolution take place in India?

- (a) In the early 1960s
- (b) In the mid-1960s

	<p>(c) In the late 1960s</p> <p>(d) In the late 1970s</p>	<p>1</p> <p>1</p>	
2	<p>(a) Differentiate between Fixed capital and Working capital.</p> <p>(b) Differentiate between Western ghats and Eastern ghats.</p>	<p>3</p> <p>3</p>	Understanding
3	<p>(a) "Every production is organised by combining land, labour, physical capital and human capital." Explain.</p> <p>(b) How do the diverse physical features of the land contribute to the country's development?</p>	<p>3</p> <p>3</p>	HOT
4	<p>(a) What is the relation between resources and development?</p>	<p>3</p>	Interdisciplinary

	<p>or</p> <p>Why is Pakistan under General Pervez Musharraf not called a democracy?</p>		
5	<p>(a) Describe how the Himalayas is playing an important role in maintaining the diversity in different factors like climate, flora, fauna, crops, occupation, etc.</p> <p>or</p> <p>Modern farming methods require more inputs which are manufactured in industry. Do you agree?</p>	5	Analytical Skill
6	<p>Read the given paragraph and answer the following questions.</p> <p>In 1960, Govind was a farmer with 2.25 hectares of largely unirrigated land. With the help of his three sons Govind cultivated the land. Though they didn't live very comfortably, the family managed to feed itself with a little bit of extra income from one buffalo that the family possessed. Some years after Govind's death, this land was divided among his three sons. Each one now has a plot of land that is only 0.75</p>	5	Critical Thinking and Problem Solving

	<p>hectare in size. Even with improved irrigation and modern farming method, Govind's son are not able to make a living from their land. They have to look for additional work during part of the year.</p> <p>(a) What are the sources of income in Govind's family?</p> <p>(b) Govind's threesons belong to which category of farmers? Why?</p> <p>(c) Suggest any two steps by which the government can help them in improving their standard of living.</p>		
<b>7</b>	<p>(a) How is democracy better than other forms of government? Explain giving at least five arguments in the favour of democracy.</p> <p>or</p> <p>How is migration from villages a determinant factor of declining standard of agriculture?</p>	<b>5</b>	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**  
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**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Computer**

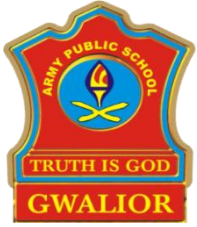
**Assignment No. : 2**

**Allotment Date: 27 July 2024**

S.NO.	QUESTIONS	MARKS(10)	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i) We can generate Reports and Queries from:</p> <ul style="list-style-type: none"><li>a. Tables</li><li>b. Form</li><li>c. Auto format data</li><li>d. Cells</li></ul> <p>(ii) Which tab do you need to click to create a form?</p> <ul style="list-style-type: none"><li>a. Home</li></ul> <p>b. Create</p> <ul style="list-style-type: none"><li>c. External data</li><li>d. Database tools</li></ul> <p>(iii) What is a small graphical representation of an Organization or theme?</p> <ul style="list-style-type: none"><li>a. Logo</li><li>b. Form</li><li>c. Design</li><li>d. Button</li></ul> <p>(iv) What is the purpose of the description column in the Table Design View?</p> <ul style="list-style-type: none"><li>a. To describe data that should be entered in each field</li><li>b. To enter lookup data that the field should refer to</li><li>c. To define the data type applied to each field in a table</li><li>d. None of these</li></ul>	0.5x4=2	Information
2	<p>Fill in the blanks-</p> <p>(i) When you point at a field that has a validation rule the _____ is displayed.</p> <p>(ii) The _____ property specifies the constraints for the value entered into a table.</p> <p>(iii) When you run the Query, only those Records, which match the _____ mentioned, will be displayed.</p> <p>(iv) To generate a basic report, click on the _____ tab and click on the- button.</p>	0.5x4=2	Understanding

<b>3</b>	Write short notes on following- (i) Record  (ii) Field  (iii) Data Validation  (iv) Query	$\frac{1}{2} \times 4 = 2$	Critical  Thinking
<b>4</b>	Answer the following questions -  1. What is the difference between a Query and the Report?  2. While creating a query, how do you specify the condition for which you want the records to be displayed?  3. Once a report has been generated, how can you make it attractive?  4. What is the 'Validation Rule'?	$4 \times 1 = 4$	HOT





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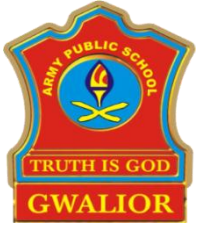
**Subject: Music and Dance**

**Assignment No. : 2**

**Allotment Date: 27 July 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1	What is the meaning of Bhoomi Pranam in Kathak dance?  a) Dharateer aur Jameen ko pranaam karana b) Rooparekha banana c) Bhaav pradarshan karana	1	Informative
2	In Kathak dance, Bhumi Pranam is done at the beginning and end.  a) Yes b) No	1	Informative
3	What is the short order of salutation in dance?  a) Bhoomi pranaam guru pranaam b) Svayan ke pair chhoona c) Darshakon ke pair chhoona	1	Informative
4	Before a dance performance _____ is done. a) Pranam b) Aasheervaad dena	1	Informative
5	Is Bhumi Pranam done in classical dance?  a) Yes b) No	1	Informative
6.	How many counting are there in kaharwa Taal?  a) 8 b) 15	1	Informative
7.	How many divisions are there in kaharwa taal?  a) 2 b) 10	1	Informative
8.	How many tali are there in kaharwa taal?  a) 1	1	Informative

	b) 4		
9.	How many khali in kaharwa taal? a) 1 b) 0	1	Informative
10.	Kaharwa taal is played with which song? a) classical b) Light music	1	Informative



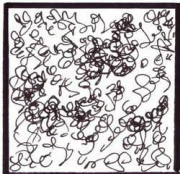
**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2024-25**  
**REVISION WORKSHEET (SELF –ASSESSMENT)**



**Subject: Work Education**  
**Allotment Date: 27 July 2024**

**Assignment No. : 2**

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	1 mark	Creative Skills

	<p>design in the back are called_____.</p> <p>A. Positive Space</p> <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**



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

**Subject: Health and Physical Education**  
**Allotment Date: 27 July 2024**

**Assignment No. : 2**

S.NO	MULTIPLE CHOICE QUESTIONS(QUESTION 1 TO 4)	MARKS:- 1X10=10	SKILLS
1.	A ball that hits the net on a serve and lands in on the opponent's side is considered. (a) Fault (b) Side out (c) Ace (d) Dead ball	1	Problem-solving
2.	Which part of your body should you use to bump the ball? a) Fists b) Forearm c) Chest d) Head	1	Initiative
3.	How many times can a team hit the ball before sending it over the net? a) 1 b) 2 c) 3 d) Unlimited	1	Problem-Solving
4.	Which country is known for inventing volleyball? a) Brazil b) Japan c) United States d) Russia	1	Initiative
5.	<b>Fill in the blanks ( question 5 to 7 )</b>  Volleyball game was invented in..... country	1	Thinking
6.	The court measures in ..... length and in ..... width	1	Thinking
7.	The earlier name of the game of volleyball was.....	1	Self-regulation
8.	<b>True &amp; False (question 8 to 10 )</b> When performing a bump, you should use your fists, not your forearm.	1	Thinking
9.	A player may touch the net with their body only if they attempt to block the hit.	1	Initiative
10.	The setting is when you slap the ball with your fist.	1	Problem-solving



