



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

**Subject: English**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

<b>S.NO</b>		<b>MARKS</b>	<b>NATURE</b>
<b>01</b>	“The riches she is now reaping.” What figure of speech is used here?	<b>6</b>	<b>information</b>
<b>02</b>	In what sense has the word ‘pigeon-holed’ used in the chapter?	<b>4</b>	<b>Understanding</b>
<b>03</b>	‘Everything has a price’ said Maria, and this phrase had a significant impact on her life. Justify.	<b>5</b>	<b>HOTS</b>
<b>04</b>	Give your thoughts on the qualities that make a person successful. Elaborate a little with reference to being a climber.	<b>5</b>	<b>HOTS</b>
<b>05</b>	How many common features can you find in stanza 2? Pick out the words from the poem (No Men Are Foreign)	<b>5</b>	<b>Analytical Skills</b>
<b>06</b>	How has the tree grown to its full size? List the words suggestive of its life and activity?	<b>5</b>	<b>Critical Thinking and Problem Solving</b>
<b>07</b>	Suddenly it started raining and thunder rumbled. The animals, frightened by the streaks of lightening and the roar of thunder, broke loose and began to run. Write a story in 100-120 words which can have a different beginning and end but the middle must be the as above.	<b>10</b>	<b>Evaluation</b>



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

**Subject: Hindi**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1	पुस्तकालय जाकर पत्रपत्रिकाओं के नियमित पठन की आदत विकसित - खिए। करने के लिए अपने छोटे भाई को पत्र लि	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 । अनाहार  बेजान अत्याचार	2  2  3  3	Understanding

4	रामन् की खोज 'रामन् प्रभाव' क्या है? स्पष्ट कीजिए।	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर 80 - 100 शब्दों में अनुच्छेद लिखिए    ट्रैफिक जाम की समस्या  अथवा  पाश्चात्य सभ्यता की गिरफ्त में आते युवा	5	Critical Thinking and Problem Solving
6	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?	9	Evaluation



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

**Subject: Mathematics**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

S.NO.	QUESTIONS	MARKS	NATURE
1	The ratio of the sum of observations and the total number of observations is called:- (a) Mean (b) Median (c) Mode (d) Central tendency	1	Understanding
2	The mean of $x+2$ , $x+3$ , $x+4$ and $x-2$ is: (a) $(x+7)/4$ (b) $(2x+7)/4$ (c) $(3x+7)/4$ (d) $(4x+7)/4$	1	Application
3	Find the maximum value if the range is 38 and the minimum value is 82. (a) 60 (b) 76 (c) 120 (d) 82	1	Understanding
4	What is the mean of the following data set - 3,7,8,5,12 (a) 5 (b) 7 (c) 8 (d) 10	1	Interdisciplinary
5	The class mark of a class 90-120 is (a) 90 (b) 105 (c) 115 (d) 120	1	Analytical Skill
6	Find the range of the following 5,10,15,20,25,30 (a) 15 (b) 20 (c) 25 (d) 24	1	Critical Thinking and Problem Solving

7	What is the class size for 20-30 (a) 10 (b) 20 (c) 30 (d) 23	1	Analytical Thinking
8	<b>ASSERTION (A) :-</b> The mean of a data is always located at the center of the data. <b>REASON (R) :-</b> The mean is calculated by summing all the data points and dividing by the number of data points, which places it at the centre.  (a) Both (A) and (R) are true and (R) is correct explanation of (A) (b) Both (A) and (R) are true and (R) is not the correct explanation of (A) (c) (A) is true but (R) is false. (d) (A) is true but (R) is false.	1	Understanding
9	What is the class size of the interval 10,12,14,16,18 (a) 2 (b) 4 (c) 5 (d) 6	1	Interdisciplinary

10	The mean of 16 numbers is 8. If 2 is added to every number , what will be the new mean ?	2	Interdisciplinary
11	If $m$ is the required mid point and $l$ is the upper class limit of a class in a continuous frequency distribution, then the lower limit of the given class is?	2	Application
12	The required mean weight of a class of 34 students is 46.5 kg. If the required weight of the new boy is included , the mean rises by 500g. Find the weight of the new boy.	2	Evaluation

13	The mean of 10 numbers is 20. If 5 is subtracted from every number , what will be the new mean?	2	Analytical Thinking																
14	In X standard , there are 3 sections A,B and C with 25, 40 and 30 students respectively. The average marks of section A is 70% of section B is 65% and of section B is 50%. Find the average marks of entire X standard.	2	Evaluation																
15	The mean of 40 observations was 200. It was detected on rechecking that the value of 65 was wrongly copied as 25 for computation of mean . Find the correct mean.	3	Evaluation																
16.	In a school marks obtained by 80 students are given in the table. Make a frequency polygon  <table border="0"> <thead> <tr> <th><u>MARKS OBTAINED</u></th> <th><u>NO OF STUDENTS</u></th> </tr> </thead> <tbody> <tr> <td>300-310</td> <td>12</td> </tr> <tr> <td>310-320</td> <td>18</td> </tr> <tr> <td>320-330</td> <td>28</td> </tr> <tr> <td>330-340</td> <td>15</td> </tr> <tr> <td>340-350</td> <td>5</td> </tr> <tr> <td>350-360</td> <td>2</td> </tr> </tbody> </table>	<u>MARKS OBTAINED</u>	<u>NO OF STUDENTS</u>	300-310	12	310-320	18	320-330	28	330-340	15	340-350	5	350-360	2	3	Analytical thinking		
<u>MARKS OBTAINED</u>	<u>NO OF STUDENTS</u>																		
300-310	12																		
310-320	18																		
320-330	28																		
330-340	15																		
340-350	5																		
350-360	2																		
17.	The mean weight of 60 students of a class is 52.75 kg. If mean weight of 25 students of this class is 51 kg, find the mean weight of remaining 35 students of the class.	3	Problem solving																
18.	The following data on the number of girls (to the nearest ten) per thousand boys in different sections of the Indian society is given below: <table border="0"> <thead> <tr> <th><u>SECTIONS OF SOCIETY</u></th> <th><u>NO OF GIRLS/ 1000 BOYS</u></th> </tr> </thead> <tbody> <tr> <td>Achedule caste</td> <td>940</td> </tr> <tr> <td>Schedule Tribe</td> <td>970</td> </tr> <tr> <td>Non SC-ST</td> <td>920</td> </tr> <tr> <td>Backward districts</td> <td>950</td> </tr> <tr> <td>Non backward districts</td> <td>920</td> </tr> <tr> <td>Rural</td> <td>930</td> </tr> <tr> <td>Urban</td> <td>910</td> </tr> </tbody> </table>	<u>SECTIONS OF SOCIETY</u>	<u>NO OF GIRLS/ 1000 BOYS</u>	Achedule caste	940	Schedule Tribe	970	Non SC-ST	920	Backward districts	950	Non backward districts	920	Rural	930	Urban	910	3	Evaluation
<u>SECTIONS OF SOCIETY</u>	<u>NO OF GIRLS/ 1000 BOYS</u>																		
Achedule caste	940																		
Schedule Tribe	970																		
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19.	A group of students decided to make a project on Statistics. They are collecting the heights in cm of their 51 girls of class IX - A, B and C of their school. After collecting the data in the following frequency distribution table form :  <table border="0"> <thead> <tr> <th><u>HEIGHT</u></th> <th><u>NO OF GIRLS</u></th> </tr> </thead> <tbody> <tr> <td>135-140</td> <td>4</td> </tr> <tr> <td>140-145</td> <td>7</td> </tr> <tr> <td>145-150</td> <td>18</td> </tr> <tr> <td>150-155</td> <td>11</td> </tr> <tr> <td>155-160</td> <td>6</td> </tr> <tr> <td>160-165</td> <td>5</td> </tr> </tbody> </table> <p>(a) The class interval with highest frequency is:  (b) What is the width of class?  (c) How many students of the height 150 cm and below are there?</p>	<u>HEIGHT</u>	<u>NO OF GIRLS</u>	135-140	4	140-145	7	145-150	18	150-155	11	155-160	6	160-165	5	4	Interdisciplinary		
<u>HEIGHT</u>	<u>NO OF GIRLS</u>																		
135-140	4																		
140-145	7																		
145-150	18																		
150-155	11																		
155-160	6																		
160-165	5																		

20.	<p>The length of 40 leaves of a plant are measured correct to one millimetre , and the obtained data is represented in following table;</p> <table data-bbox="263 302 1021 571"> <thead> <tr> <th><u>LENGTH</u></th> <th><u>NO OF LEAVES</u></th> </tr> </thead> <tbody> <tr> <td>118 - 126</td> <td>3</td> </tr> <tr> <td>127-135</td> <td>5</td> </tr> <tr> <td>136-144</td> <td>9</td> </tr> <tr> <td>145-153</td> <td>12</td> </tr> <tr> <td>154-162</td> <td>5</td> </tr> <tr> <td>163-171</td> <td>4</td> </tr> <tr> <td>172-180</td> <td>2</td> </tr> </tbody> </table> <p>(a) Draw a histogram to represent the given data.  (b) Is there any other suitable graphical representation for the same data?  (c) Is it correct to conclude that the maximum number of leaves are 153 mm long? Why?</p>	<u>LENGTH</u>	<u>NO OF LEAVES</u>	118 - 126	3	127-135	5	136-144	9	145-153	12	154-162	5	163-171	4	172-180	2	5	Critical Thinking
<u>LENGTH</u>	<u>NO OF LEAVES</u>																		
118 - 126	3																		
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136-144	9																		
145-153	12																		
154-162	5																		
163-171	4																		
172-180	2																		



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

Subject: Science

Assignment No. : 6

Allotment Date: 30 November 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. What do you mean by free fall? Q2. Which postulate of Dalton's atomic theory is the result of the law of conservation of mass? Q3. What is Green Revolution?	1 1 1	Information
2	Q4. What are the benefits of crop rotation? Q5. How does the force of attraction between the two bodies depend upon their masses and distance between them? Q6. Write down formulae of i. Sodium oxide ii. Aluminium chloride iii. Magnesium hydroxide	3 3 3	Understanding
3	Q7. Two particles of equal mass ( $m$ ) move in a circle of radius $R$ under the action of their mutual gravitational attraction. Find the speed of each particle. Q8. Calculate the formula unit masses of $ZnO$ , $Na_2O$ , $K_2CO_3$ , given atomic masses of $Zn=65u$ , $Na=23u$ , $K=39u$ , $C=12u$ and $O=16u$ .	3 3	HOT
4	Q9. Find out Biotic and Abiotic factors which lead to storage losses in India. Q10. The ratio of orbital radii of two satellites of a planet is 1:2. What is the ratio of their time periods?	3 3	Interdisciplinary
5	Q11. What are poly atomic ions? Give examples. Q12. Calculate the molecular masses of $H_2$ , $Cl_2$ , $NH_3$ .	3 3	Analytical Skill
6	Q12. Write a short note on application of Newton's third law of motion to gravitation. Illustrate by examples.	5	Critical Thinking and Problem Solving
7	Q13. Describe the main sources of irrigation in India? Why do we need to reduce dependency of agriculture on rain?	5	Evaluation





	<p><b>World War.</b></p> <ul style="list-style-type: none"><li>a) The Treaty of Versailles</li><li>b) Birth of the Weimar Republic</li><li>c) Genocidal war</li><li>d) Germany's attack on Poland</li></ul> <p><b>iv) When was the Enabling Act passed in Germany?</b></p> <ul style="list-style-type: none"><li>a) On 12th March 1933</li><li>b) On 3rd March 1933</li><li>c) On 3rd February 1903</li><li>d) On 14th March 1932</li></ul> <p><b>v) What was Auschwitz famous for ?</b></p> <ul style="list-style-type: none"><li>a) Centre for mass killings during Nazi Germany.</li><li>b) Centre for educating children during Nazi Germany.</li><li>c) Centre for giving military training to the</li></ul>	<p><b>1</b></p> <p><b>1</b></p> <p><b>1</b></p>	
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	<p>youth during Nazi Germany.</p> <p>d) None of the above.</p> <p><b>vi) Which one of the following describes the drainage patterns resembling the branches of a tree?</b></p> <p>a) Radial                      b) Dendritic</p> <p>c) Centrifugal                d) Trellis</p> <p><b>vii) Which one of the following is the longest river of the Peninsular India?</b></p> <p>a) Narmada                    b) Krishna</p> <p>c) Godavari                  d) Mahanadi</p> <p><b>viii) The headwaters of the Ganga is called the-</b></p> <p>a) Bhagarathi                b) Alaknanda</p> <p>c) Gangotri Glacier        d) None of these</p> <p><b>ix) Which one of the following is the westward flowing river of Peninsular India?</b></p>	<p><b>1</b></p> <p><b>1</b></p> <p><b>1</b></p> <p><b>1</b></p>	
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	<p>a) Mahanadi                      b) Godavari</p> <p>c) Krishna                        d) Narmada</p> <p><b>x) The river Brahmaputra is known as Jamuna</b></p> <p><b>in-</b></p> <p>a) Tibet                              b) Bangladesh</p> <p>c) Nepal                              d) Bhutan</p>	<b>1</b>	
<b>2</b>	<p>a) Write a short note on the National River Conservation Plan (NRCP).</p> <p>b) What is hyperinflation? Why did this situation occur in Germany?</p>	<b>3</b>       <b>3</b>	Understanding
<b>3</b>	<p>a) Enumerate some important features of the Himalayan rivers.</p> <p style="text-align: center;">Or</p> <p>What was the status of mothers under Nazism?</p>	<b>3</b>	HOT

<p><b>4</b></p>	<p>a) How rivers are playing an important role in the growth of a nation?</p> <p>b) How can we say that the Treaty of Versailles set a base for the Second World War?</p>	<p><b>3</b></p> <p><b>3</b></p>	<p>Interdisciplinary</p>
<p><b>5</b></p>	<p>a) In what different ways do rivers get polluted?</p> <p style="text-align: center;">Or</p> <p>How did the Great Depression help Nazism become a mass movement?</p>	<p><b>5</b></p>	<p>Analytical Skill</p>
<p><b>6</b></p>	<p>a) How can we contribute to keeping rivers away from pollution?</p> <p style="text-align: center;">Or</p> <p>What were the inherent defects of the Weimar Constitution which made it unstable?</p>	<p><b>5</b></p>	<p>Critical Thinking and Problem Solving</p>

<b>7</b>	a) Why are the Peninsular rivers not navigable?  Or  What changes happened in schools under Nazism?	<b>5</b>	Evaluation
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**ARMY PUBLIC SCHOOL GWALIOR  
CLASS - IX**



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

**Subject: Computer**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

S.NO.	QUESTIONS	MARKS(10)	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i) 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> <p>(ii) Which tag will you to insert a horizontal line in your web page?</p> <p>a. &lt;hr&gt; b. &lt;hn&gt;&lt;/hn&gt; c. &lt;br&gt; d. &lt;body&gt;&lt;/body&gt;</p> <p>(iii) Which tags will you need to change the font settings like font size, font color?</p> <p>a. &lt;body&gt;&lt;/body&gt; b. &lt;hn&gt;&lt;/hn&gt; c. &lt;font&gt;&lt;/font&gt; d. &lt;br&gt;</p> <p>(iv) Which attribute is correct to use to align the image in centre?</p> <p>a. &lt;img align="center"&gt; b. &lt;p align="center"&gt; c. &lt;image align ="center"&gt; d. &lt;imgalignment="center"&gt;</p>	0.5x4=2	Information
2	<p>Fill in the blanks-</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
3	<p>Write short notes on following-</p> <p>(i) Hyperlink</p>	½ x4=2	Critical

	(ii) Markup language (iii) Empty tags (iv) Unordered list		Thinking
<b>4</b>	Answer the following questions - <ol style="list-style-type: none"><li>1. What is HTML? Write about tags and attributes</li><li>2. How do you create hyperlinks?</li><li>3. What is the difference between &lt;br&gt; and &lt;hr&gt; tags?</li><li>4. Write about List item tags.</li></ol>	4x1=4	HOT





**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS - IX**  
**ACADEMIC SESSION 2024-25**



**REVISION WORKSHEET (SELF –ASSESSMENT)**

**Subject: Music (Vocal and Instrument)**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

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
7.	Tu apni ____ hum par rakhna ? a) Nazar b) Nigah	1	Informative

8.	How many part are there in congo? a) 2 b) 3	1	Informative
9,	Four four beat is played with which type of music ? a) western music b) Light music	1	Informative
10.	How many types are there in four four beats? a) A lot of b) Not evan one	1	Informative



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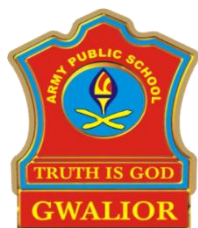
**Subject: Dance**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

S. NO.	QUESTIONS	MARKS	NATURE
1.	By which name was Kathak dance known in ancient times. a) Khushilove b) Kavyatmak	1	Informative
2.	In which lay is Kathak dance performed. a) Vilambit lay, madhyam lay, Druta lay b) Adhik Seema mein rupantaran prastuti mein	1	Informative
3.	Dance in India is divided into _____ parts. a) Four b) Two	1	Informative
4.	How many classical dances are there in India. a) Five b) Eight	1	Informative
5.	Are there facial expressions in the poem. a) Yes b) No	1	Informative
6.	There are three distinct gharana of Kathak dance. a) Banaras, Lucknow, Jaipur b) Gwalior, Delhi, Mathura	1	Informative
7.	what is kathak dance. a) Katha kahe so kathak Kahlave b) Bhakti kahe so bhakt kahlave	1	Informative
8.	What is poetry. a) Kavita b) Natak	1	Informative
9.	Dance usually performed with which vidha or art. a) Sangeet.	1	Informative

	b) Katha		
10.	<b>Which of these is a poem.</b> a) dim dim dim damru baje tandav Shankar nache Dhol mridang shankh baje maa Bhagwati Lasya nache . b) tak tak ta drug Dun Dun jhijhi kat thothvng tak thun thun thigadha dig di thi.	1	<b>Informative</b>



**ARMY PUBLIC SCHOOL GWALIOR  
CLASS - IX**



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

**Subject: Physical Activity Trainer  
Allotment Date: 30 November 2024**

**Assignment No. : 6**

S. No.	QUESTIONS	MARKS	NATURE
1	What is the benefit of regular physical activity? (a) Keeps you physically and mentally fit (b) Can produce long term health benefits (c) Keep you physically active (d) All of the above	1	Analytical Skill
2	What is Age-appropriate activity? (a) Same activity for all age group (b) Usage of maximum props (c) Should be in relation with the proper age bracket (d) None of the above	1	Analytical Skill
3	Identify the activity to develop Co-ordination? (a) Throwing and catching (b) Balancing on edge of the block (c) Running (d) Galloping around the room	1	Interdisciplinary
4	A.B.C. Stands for (a) Average, balance, circulation (b) Action, balance, circuit (c) Action, balance, coordination (d) Active, body, creative	1	Understanding
5	Which activity is not related to coordination (a) Throwing (b) Catching (c) Running (d) Kicking	1	Analytical Skill
6	Which is related to action activity (a) Running (b) Jumping (c) a and b (d) None of these	1	Understanding
7	Body weight exercise develops (a) Strength (b) Flexibility (c) Action (d) All of these	1	Information
8	Story dictation develops (a) Reading skill (b) Numeracy skill	1	Critical Thinking

	(c) Writing skill                      (d) All of these		
<b>9</b>	Feather balance develops (a) Gross motor skills                      (b) Fine motor skills (c) a and b                                      (d) None of these	1	Interdisciplinary
<b>10</b>	Which is cool down related exercise (a) Gentle stretching                      (b) Breathing exercise (c) a and b                                      (d) None of these	1	Information
<b>11</b>	<b>Short type question</b>  (a) Name the domains for early childhood development. (b) Explain gross motor skills. (c) What do you mean by fine motor skill? (d) What is cognitive development? (e) What is psycho social wellbeing?	5x1 =5	Understanding
<b>12</b>	<b>Answer the following questions in about 20-30 words.</b>  a) What do you understand by psychological factors? b) How behavioral factors affect child activities?	2x5= 10	Critical Thinking and Problem Solving



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

Subject: Multimedia

Assignment No. : 6

Allotment Date: 30 November 2024

S. No.	QUESTIONS	MARKS	NATURE
1	What do understand by the term Digital design?	1	Information
2	What is texturing in Photoshop?	1	Understanding
3	Define Layer in Photoshop.	1	Critical Thinking
4	What is file extension of Photoshop file?	1	Information
5	Explain Golden Ratio (3X3) grid in Photography	1	Analytical
6	What is golden ratio	1	Understanding
7	What is Image Editing?	1	Information
8	Write the difference between Texture and Pattern.	2	Information
9	Explain the importance of Leading lines in photography.	2	Information
10	Define types of light in photography (a) Reflective light (b) Defused light (c) Rim light (d) Hard light	4x1=4	Understanding
11	Define tools of Photoshop: (a) Move Tool (b) Hand Tool (c) Magic Wand Tool (d) Text Tool (e) Crop Tool (f) Zoom Tool (g) Dodge and Burn Tool (h) Paint Bucket Tool (i) Shape Tool (j) Clone Stamp Tool	10x1= 10	Understanding



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

Subject: Data Science

Assignment No. : 6

Allotment Date: 30 November 2024

S. No.	QUESTIONS	MARKS	NATURE
1	What Is Data Visualization?	1	Information
2	Define the term frequency of data value.	1	Understanding
3	What is Plotting data?	1	Critical Thinking
4	What is data range?	1	Understanding
5	What is Pie Chart?	1	Understanding
6	Write the difference between Primary data and Secondary data.	2	Information
7	Define data the term data element?	2	Information
8	Write the difference between Tabular and Graphical data presentation.	2	Information
9	Explain the importance of Histogram in data visualization.	2	Information
10	Explain the difference between Single variable and Multivariable plots	2	Information
11	<p>Explain about any 5 Charts from the given Charts and also mention where we use them.</p> <p style="text-align: center;"><b>CHART TYPES</b></p> <p>The image shows six different chart types arranged in two rows of three. The top row contains a Column chart (vertical bars), a Pie chart (a circle divided into segments), and a Line chart (a line with data points). The bottom row contains a Bar chart (horizontal bars), an Area chart (a shaded area under a line), and a Column-Line chart (vertical bars with a line graph overlaid).</p>	5x2= 10	Critical Thinking





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

**Subject: Physical Education**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

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



**ARMY PUBLIC SCHOOL GWALIOR  
CLASS - IX**

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

**Subject: Marketing and Sales**

**Assignment No. : 6**

**Allotment Date: 30 November 2024**

S. No.	QUESTIONS	MARKS	NATURE
1	The form of business organization that has the maximum sales in terms of volume is the: (a) Partnership. (b) Corporation (c) Cooperative (d) Multinational	1	Comprehension
2	The simplest form of business ownership is: (a) Proprietorship (b) Partnership (c) Corporation (d) Cooperative	1	Comprehension
3	Which is advantageous for a sole proprietor? (a) Ease of starting a business (b) Being your own boss (c) Proud of being an owner (d) All of the above.	1	Comprehension
4	Which of the following is not a required condition for an exchange to take place? (a) Presence of at least two parties (b) Availability of money with both the parties (c) Both the parties being capable of communication and delivery (d) Both the parties having freedom to accept or reject the offer	1	Comprehension
5	A ..... is that portion of a larger market which individuals, groups or organization share one or more characteristics that causes them to have relatively similar products' needs. (a) Target market (b) Market segment (c) Niche market (d) Competitive segment	1	Comprehension
6	Which market is characterized by absence of physical interaction between buyers and sellers? (a) Product market (b) Service market (c) Virtual market (d) Demographic market	1	Comprehension
7	In a competitive market the competitors should remain well informed about the competitor's tactics.(True/False)	1	Analytical Thinking
8	Rumours and gossips are important component of competition.(True/False)	1	Analytical Thinking

9	Marketing is crucial for businesses as it helps in creating awareness, attracting customers, and generating sales.(True/False)	1	Analytical Thinking
10	Sales are a one-time transaction and does not involve building long-term relationships with customers.(True/False)	1	Analytical Thinking
11	<p>Fill in the Blanks-</p> <p>1. Marketing generates ..... by providing many opportunities in the process of buying and selling the goods, by creating time, place and possession utilities.</p> <p>2. Marketing is the performance of business activities that directs the flow of goods and services from producer to .....</p> <p>3. The main objective of marketing policy is to advertise and give assurance of good quality ..... to the consumer.</p> <p>4. A ..... competitor is another company that offers the same products and services aimed at the same target market and customer base with the same goal of profit making.</p> <p>5. .... competitors are those companies that offer the same products and service much like direct competitors but goals are different.</p>	5x1 =5	Application of Concepts
12	<p>Short Answer Type Questions- (Any5)</p> <p>1. What is marketing?</p> <p>2. What is the meaning of selling concept?</p> <p>3. Define virtual market/online market.</p> <p>4. What is competition in the context of business?</p> <p>5. Outline the benefits associated with competition.</p> <p>6. Define the concept of utility.</p>	5x2= 10	Critical Thinking and Problem Solving



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



**Subject: Work Education**  
**Allotment Date: 30 November 2024**

**Assignment No. : 6**

S. NO.	QUESTIONS	MARKS	NATURE
1	What kind of math is used in mandalas? A. Rhombus geometry B. Square geometry C. Triangle geometry D. Circle geometry	1 mark	Creative Skills
2	A mandala, which is Sanskrit for _____. A. Discoid object B. Domicile C. Barbarian D. Locale	1 mark	Creative Skills
3	What paint do you use for mandalas? A. Anti-corrosive paint. B. Acrylic paint C. Emulsion paint D. Enamel paint	1 mark	Creative Skills
4	Which one is not a component of a Mandala art? A. Symmetry B. Geometry C. Balance D. Colour	1 mark	Creative Skills
5	Strength, high energy and passion represent by which colour in mandala art? A. ORANGE	1 mark	Creative Skills

	<p>B. YELLOW</p> <p>C. GREEN</p> <p>D. RED</p>		
6.	<p>Which Colour material is best for Mandala?</p> <p>A. Gel pens</p> <p>B. Sketch pens</p> <p>C. Fountain pens</p> <p>D. Pencil colour</p>	1 mark	Creative Skills
7	<p>Which pen is used for mandala art?</p> <p>A. Pitt Artist Pens</p> <p>B. Ball pens</p> <p>C. Sketch pens</p> <p>D. Fountain pens</p>	1 mark	Creative Skills
8	<p>Which one is not a type of Mandalas?</p> <p>A. <b>Teaching Mandala</b></p> <p>B. Learning Mandala</p> <p>C. <b>Healing Mandala</b></p> <p>D. <b>Sand Mandala</b></p>	1 mark	Creative Skills
9	<p>_____tend to represent the universe, often carrying meanings related to life and energy.</p> <p>A. Bell</p> <p>B. Sun</p> <p>C. Triangle</p> <p>D. Lotus flower</p>	1 mark	Creative Skills
10	<p>_____ represent action and energy, and when facing downward, they represent creativity and the pursuit of knowledge.</p> <p>A. Bell</p> <p>B. Sun</p> <p>C. Triangle</p> <p>D. Lotus flower</p>	1 mark	Creative Skills





