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

Subject: English   **Assignment No. : 8**

Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	
Q.1	You are Rakesh Mohan and love to entertain guests. But last Sunday a guest unnerved you with his behaviour. Make a diary entry in about 100-150 words on 'A Guest'. You can use the hints given in the box below. Hints- A good host—guests add to the pleasures and variety of life—Sohan proved to be an exceptional guest—a chatter box—uncultured—fond of loud music, TV—shouted--- left in the morning –good riddance.	5 M	Critical Thinking
Q.2	**Read the extract and answer the questions that follow:** "It has grown Slowly consuming the earth, Rising out of it, feeding Upon its crust, absorbing Years of Sunlight, air, water, And out of its leprous hide Sprouting leaves. a) What has grown slowly out of the earth? b) How has it gained strength? c) What shape of its skin is given here? d) How much time has it taken to grow to its present size? e) Which poetic device has been used in 'leprous hide'?	5	Understanding
Q.3	Write a factual description in about 100-150 words of the weekly bazaar that is held in your neighbourhood. Include details of the stalls, variety of available goods, low prices, festive atmosphere etc.	5	Communication skill
Q.4	**Grammar** i) Identify the error in the given sentence and supply the correction. Hackers often trick people into clicking on fake links that closely resemble links for real websites. Use the given format for your response. | Error	Correction | |---|---| | | |	1x3	

	ii) Complete the given narrative by choosing the correct option. The government ……….. an advisory to the people to wear mask and maintain social distancing in the wake of omicron BF7. (a) is issued (b) has issued (c) had issued (d) are issued iii) Fill in the blanks by choosing the correct option. The teacher asked Sachin ……………..during summer holidays. Sachin replied that he had been to Kullu Manali where he and his family stayed at a resort. a) who gone there b) if he had go somewhere c) if he had gone somewhere d) where he spend his days		
Q.5	Read the following conversation and complete the following. Ankit : Hi, Ayush. How are you? Ayush: Life is really very tough. I desperately need a job. Ankit asked Ayush (a) ……………. .Ayush replied that (b)………………..and he desperately needed a job.	**2**	Interdisciplinary
Q.6	Answer the following questions in 30-40 words each. 1. What is the effect of hacking and chopping on a tree? 2. How do the roots look like when these are pulled out? 3. What does the killing of a tree symbolize? 4. Why did the policeman stop the party of westerners in the temple? 5. What were the activities which one can notice at the Bagmati river? 6. How was the atmosphere at the Baudhnath Shrine?	**2x6**	Evaluation
Q.7	Answer the following questions in about 120 words each. 1. Describe the flute-sellers' pattern of life. Do you feel that such talents are generally ignored and never get opportunity to excel in their life? What should be done for such talents? 2. Trees are our lifeline. So they must not be killed. Write your suggestions on how trees can be protected.	**4x2**	HOT

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

Subject: Hindi   **Assignment No. : 8**

Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	अपने पिता जी को पत्र लिखकर सूचित कीजिए कि वार्षिक परीक्षा के लिए आपकी तैयारी कैसी है।	5	Information
2	बढ़ती गरमी और कम होती वर्षा के बारे में दो मित्रों की बातचीत का संवादलेखन- **50 से 60 शब्दों में** कीजिए|	6	Communication Skills
3	निम्नलिखित वाक्यों में उचित विरामचिह्न का प्रयोग करते हुए - दोबारा लिखिए | 1 सुभाष चंद्र बोस ने कहा तुम मुझे खून दो मैं तुम्हें आजादी दूंगा 2.हाय फूल सी कोमल बच्ची हुई राख की थी ढेरी 3.तुम कौन हो कहाँ रहते हो क्या करते हो यह सब मैं क्यों पूछू निम्नलिखित शब्दों की संधि विच्छेद कीजिए-- अरुणोदय – एकैक – शिवालय – निम्नलिखित वाक्यों के भेद लिखिए| (अर्थ के आधार पर) दीवारों को साफ़ कर दो। अरेकितना विशाल मैदान है। ! किसान बैंक से कर्ज़ लेते हैं। क्या पक्षी आकाश में उड़ रहे है?	3 3 4	Understanding

4	दिए गए चित्रों को देखकर 50-60 शब्दों में उनका वर्णन कीजिए।	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर **80 - 100** शब्दों में अनुच्छेद लिखिए	**अभ्यास का महत्त्व** अथवा **वन और पर्यावरण का सम्बन्ध**	5	Critical Thinking and Problem Solving
6	निम्नलिखित प्रश्नों के उत्तर दीजिए- 1. गिल्लू को मुक्त करने की आवश्यकता क्यों समझी गई और उसके लिए लेखिका ने क्या उपाय किया? 2. अग्नि पथ' कविता को आप अपने जीवन के लिए कितनी उपयोगी मानते हैं? 3. कवि एक घर पीछे या दो घर आगे क्यों चल देता है?	9	Evaluation

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

Subject: Mathematics   **Assignment No. : 8**

Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	In the class intervals 30-40, 40-50, the number 40 is included in____, (a) 30-40 (b) 40-50 (c) both the intervals (d) none of these intervals	1	**Understanding**
2	Find the range of the following data: 25, 18, 20, 22, 16, 6, 17, 15, 12, 30, 32, 10, 19, 8, 11, 20. a.) 10 b.) 15 c.) 18 d.)26	1	**Interdisciplinary**
3	The class mark of the class 90-130 is: (a) 90 (b) 105 (c) 115 (d) 110	1	**Application**
4	A grouped frequency table with class intervals of equal sizes using 250-270 (270 not included in this interval) as one of the class intervals is constructed for the following data: 268, 220, 368, 258, 242, 310, 272, 342, 310, 290, 300, 320, 319, 304,402, 318, 406, 292, 354, 278, 210, 240, 330, 316, 406, 215, 258, 236. The frequency of the class 370-390 is: (a) 0 (b) 1 (c) 3 (d) 5	1	**Analytical skill**
5	The difference between the maximum and minimum values of the given observation is called a) Class b) Class interval c) Class mark d) Range	1	**Analytical skill**
6	Find the maximum value if the range is 38 and the minimum value is 82. a) 60 b) 76 c) 120 d) 82	1	**Problem solving**
7	**The number of times a particular items occur in a class interval called its:** a) Mean. b) Frequency. c) Cumulative frequency. d) Range	1	**Evaluation**
8.	**Data can be represented graphically by** a) Bar graphs. b) Histograms of uniform width and of varying width c) Frequency polygons. d) All	1	**Understanding**
9	**Frequency polygons can be drawn independently without drawing** a) Bar graphs. b) Histograms. c) Both a and b. d) None	1	**Understanding**

10	**Facts or figure, collected with a definite purpose are called** a) Table. b) Entry. c) Data. d) None	1	Understanding
11	A cone is 8.4 cm high and the radius of its base is 2.1 cm. It is melted and recast into a sphere. The radius of the sphere is a) 4.2 cm b) 2.1 cm c) 2. 4 cm d) 1.6 cm	1	Interdisciplinary
12.	Which one of the following is not the graphical representation of statistical data: (a) Bar graph. (b) Histogram (c) Frequency polygon. (d) Cumulative frequency distribution	1	Understanding
13	The height of 20 students of class V are noted as follows 4, 4.5, 5, 5.5, 4, 4, 4.5, 5, 5.5, 4, 3.5, 3.5, 4.2, 4.6, 4.2, 4.7, 5.5, 5.3, 5, 5.5. 1. Make a frequency distribution table for the above data.	2	Analytical skill
14	Provide three examples of data which you can obtain from your day-to-day life.	2	
15.	The required blood groups of 30 students of class IX are registered as follows. A, B, O, O, AB, B, A, O, B, A, O, B, AB, O, O, A, A, O, A, A, O, O, AB, O, A, O, B, A, B, O Illustrate this data in the form of a given frequency distribution table. Which is the most familiar, and which is the rarest required blood group among these students?	2	Analytical skill
16.	The required number of family members in 10 flats of society are 2, 4, 3, 3, 1, 0, 2, 4, 1, 5. Find the required mean number of family members per flat.	2	Evaluation
17.	The class marks of a frequency distribution are 104, 114, 124, 134, 144, 154, 164. Find the class size and class interval.	2	Evaluation
18.	survey conducted by an organization for the cause of illness and death among the women between the ages 15-44 (in years) worldwide, found the following figures (in %)	2	Interdisciplinary

S.No.	Causes	Female fatality rate (in %)
1.	Reproductive health conditions	31.8
2.	Neuropsychiatric conditions	25.4
3.	Injuries	12.4
4.	Cardiorascular conditions	4.3
5.	Repiratory conditions	4.1
6.	Other causes	22.0

(i) Represent the information given above graphically.
(ii) Which condition is the major cause of women's ill health and death worldwide?

19.	The length of 40 leaves of a plant measured correct to one millimetre and the obtained data is represented in the following table	2	Application

Length (in mm)	Number of leaves
118 - 126	3
127 - 135	5
136 - 144	9
145 - 153	12
154 - 162	5
163 - 171	4
172 - 180	2

(i) Draw a histogram to represent the given data.
(ii) Is there any other suitable graphical representation for the same data?

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20. **The following table gives the distribution of students of two sections according to the marks obtained by them:**

Section A		Section B	
Marks	Frequency	Marks	Frequency
0 – 10	3	0 – 10	5
10 – 20	9	10 – 20	19
20 – 30	17	20 – 30	15
30 – 40	12	30 – 40	10
40 – 50	9	40 – 50	1

Represent the marks of the students of both the sections on the same graph by two frequency polygons. From the two polygons compare the performance of the two sections.

2   **Problem solving**

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21. The The following table gives the life times of 400 neon lamps:

Life time (in hours)	Lamps
300 – 400	14
400 – 500	56
500 – 600	60
600 – 700	86
700 – 800	74
800 – 900	62
900 – 1000	48

(i) Represent the given information with the help of a histogram.
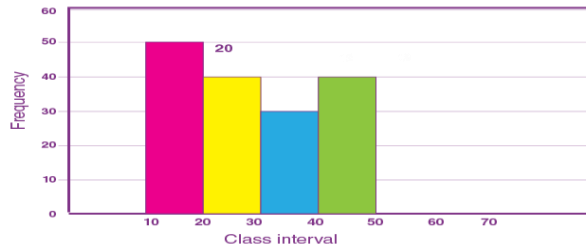(ii) How many lamps have a life time of more than 700 hours?

3   **Problem solving**

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22. **The** Study the given histogram:

3   **Problem solving**

Answer the following questions:

(i) Prepare a cumulative frequency distribution table for the above histogram.

(ii) Which class interval has the maximum frequency?

(iii) Which class interval has the minimum frequency?

23.	Draw the histogram of the following frequency distribution.	3	HOT
	Daily earnings (in Rs) No. of stores		
	700 – 750. 6		
	750 – 800. 9		
	800 – 850. 2		
	850 – 900. 7		
	900 – 950. 11		
	950 – 1000. 5		
24.	In a batch of 400 students, the height of students is given in the following table. Represent it through a frequency polygon.	3	HOT

Height (in cm)	Number of Students(Frequency)
140 – 150	74
150 – 160	163
160 – 170	135
170 – 180	28
Total	400

Subject: Science   **Assignment No. : 8**

Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. List two conditions which need to be satisfied for the work to be done on an object. Q2. Name of three sub-atomic particles of an atom. Q3. What are the differences between layers and broilers?	1 1 1	Information
2	Q4.a) What are draught animals? b) Define lactation period. c)Name the two components of cattle feed. Q5 Give three examples from everyday life where work is done. Q6. What are the limitations of J.J. Thomson's model of the atom?	3 3 3	Understanding
3	Q7. Find the velocity of a body of mass 100 g having a kinetic energy of 20 J. Q8. What are the limitations of Rutherford's model of the atom?	3 3	HOT
4	Q9.Mention three practices in which cattle farming is beneficial to mankind. Q10. Describe Bohr's model of the atom.	3 3	Interdisciplinary
5	Q11. What is chromatography? State its two applications. Q12. Four men lift a 250 kg box to a height of 1 m and hold it without raising or lowering it. (a) How much work is done by the men in lifting the box? (b) How much work do they do in just holding it? (c) Why do they get tired while holding it? (g = 10 ms^{-2})	3 3	Analytical Skill
6	Q12. Show that when a body is dropped from a certain height, the sum of its kinetic energy and potential energy at any instant during its fall is constant.	5	Critical Thinking and Problem Solving
7	Q13. For what 5 reasons, the improved poultry breeds are developed?	5	Evaluation

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

Subject: Social Science   **Assignment No. : 8**

Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	1. A government formed by the alliance of two or more political parties, usually when no single party enjoys majority support of members of the legislature is known as: (i) Presidential form of government (ii) Coalition government (iii) Cabinet form of government (iv) Prime Ministerial form of government 2. A body of persons having authority to initiate major policies, make decisions and implement them on basis of the constitution and laws of the country. (i) Judiciary (ii) Legislature	1 1 1	Information

		1	
(iii) Executive			
(iv) None of these			
		1	
3) Which of the following has the power to interpret constitution			
of India?			
(i) Prime Minister(ii) Executive			
		1	
(iii) Judiciary (iv) President			
4. Who headed the second Backward Classes Commission in 1979?			
(i) V.P. Singh			
		1	
(ii) B.P. Mandal			
(iii) M.P. Mandal			
(iv) None of the above			
		1	
5. A relief feature that affect the vegetation of an area?			
		1	
(i) Land			

		1	

(ii) Precipitation

(iii) Photoperiod

(iv) Temperature

1

6. How many plant species found in India?

(i) 89000

(ii) 47000

(iii) 24000

(iv) 28000

7. A climate factor that affect the vegetation of an area?

(i) Land

(ii) Soil

(iii) Precipitation

1

(iv) Relief feature

8. India has …………………… percent of flowering plant.

(i) 2%

(ii) 4%

(iii) 6%

(iv) 8%

9) Why were forests cleared off rapidly during the colonial period?

(i) To fulfil the demand of commercial crops

(ii) Forests were considered to be wasteland

(iii) To fulfil the demand of timber

(iv) All the above

10. How many trees were being cut annually for sleepers in 1850s in the Madras Presidency?

(i) 38,000 Trees

(ii) 35,890 Trees

(iii) 37,990 Trees

	(iv) 35,000 Trees			
2	(a) What do understand by deforestation?	**3**	**Understanding**
	or		
	(b) What do you understand by Tropical forest?		
	Or		
	(c) Explain SEBC.		
3	(a) What are the various reasons responsible for deforestation?	**3**	**HOT**
	or		
	(b) On August 13, 1990, the Government of India issued an Order. What was this order about?		
4	(a) Discuss how the decline in forest covered area is affected by the following in the colonial period? Railways Ship-building Agricultural expansion	**3**	**Interdisciplinary**

	Tea/coffee plantations		
	(b) Describe how forests are important for the huge diversity in flora and fauna kingdom in our country.	3	
	(c) How did the Supreme Court of India resolve the dispute which arose due to the Order issued by the Government of India on August 13,1990?	3	
5	(a) How can we say that forests are playing an important role in maintaining ecological balance on one hand, while help in building economy on other hand? or (b) How does relief and rainfall influence the distribution of natural vegetation in India? Explain. or (c) Why does the political executive have more power than the non-	5	**Analytical Skill**

	political executive?			
7	(a) Mention the steps taken by our government to protect the flora and fauna of the country. (b) What is the significance of the Parliament in a democratic country?	5 5	Evaluation

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

Subject: Art and Work Education   **Assignment No. : 7**
Allotment Date: 30 December 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	What is vehicle live drawing?	2	**Understanding**
2	**Vehicle study drawing can be include?**	2	**Evaluation**
3	What is vehicle study in drawing?	2	**Understanding**
4	How do you draw a car?	2	**Understanding**
5	What is vehicle study project?	2	**understanding**

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

Subject: Music (Vocal, Dance and Instrumental)   **Assignment No. : 7**

Allotment Date: 30 December 2023

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

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

Subject: Health and Physical Education   **Assignment No. : 7**

Allotment Date: 30 December 2023

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A) The player on a football team that throws the football. i) quarterback ii) center iii) receiver iv) running back	Understanding)	4×1=4
	B) What is the imaginary line that the ball is placed on? i) Yard Line ii) Ball Line iii) Line of Scrimmage iv) Line of field	Informatory	
	C which of the following is not a football skill? Dribbling Skills Shooting Tackling rebounding	Analytical	

	D. Who was the first player to hit banana free kick? i) Roberto Carlos ii) Diego Maradona iii) Pele iv) Lionel Messi	Informaton	
2.	B) Fill In The Blanks :- The ---------------- can be attempted only if you can perform the Inside and Outside simultaneously	Informatory	3×1=3
	ii. _____ is the first and only Indian to score hattrick in Olympic Football match.	Informatory	
	Scissor kick, also known as overhead or _____	Understanding	
3.	True/False i. Rabona Kick is a soccer skill in which the footballer kicks the ball when the ball is in midair True False	Understanding	3×1=3
	ii Knuckleball is when you kick the ball, and the ball does not spin when it is in the air True False	Understanding	

iii. When your opponent is dribbling with the ball and you want to bypass him/her to get possession, the best technique is to use Rainbow Kick True False		

Subject: Computer   **Assignment No. : 7**
Allotment Date: 30 December 2023

S.NO.	QUESTIONS	MARKS(10)	NATURE

1	Choose and write the correct option (MCQ):-
	
	 (i) Which attribute is used to set the background colour of the web page?
	    a. Backcolor
	    b. Background color
	    c. Forecolor
	    d. bgcolor
	 (ii) Which tag will you to insert a horizontal line in your web page?
	    a. <hr>
	    b. <hn></hn>
	    c.
	
	    d. <body></body>
	(iii) Which tags will you need to change the font settings like font size, font color?
	    a. <body></body>
	    b. <hn></hn>
	    c.
	    d.
	
	    (iv) Which attribute is correct to use to align the image in centre?
	
	    a. <img align="center">
	    b. <p align="center">
	    c. <image align ="center">
	    d. <imgalignment="center">
		0.5x4=2	Information

2	Fill in the blanks-
	    (i) A _____is markup, which indicates how the contents on a web page should look.
	
	    (ii) The_____ tags are standalone tags and do not have an end tag.
	
	    The _____attribute is used to display a brief message, when the image is pointed to.
	    (iii) _____is the text with cross-reference links between pages.
		0.5x4=2	Understanding

3	Write short notes on following- (i) Hyperlink (ii) Markup language (iii) Empty tags (iv) Unordered list	½ x4=2	Critical Thinking
4	Answer the following questions - 1. What is HTML? Write about tags and attributes. 2. How do you create hyperlinks? 3. What is the difference between <br> and <hr> tags? 4. Write about List item tags.	4x1=4	HOT