



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



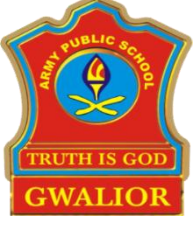
Subject: English

Assignment No. : 8

Allotment Date: 30 January 2024

S.NO.	QUESTIONS	MARKS	NATURE
Q1.	UNDERLINE THE PHRASES AND MENTION ITS KIND: 1. The lion is an animal of great strength. 2. A homeless child has to spend his days in great misery. 3. He listened to me with great attention. 4. Do not play with naughty boys. 5. Calcutta is a city of thick population. 6. He is full of courage.	6 m	Understanding
Q2.	UNDERLINE THE CLAUSE AND STATE ITS KIND: 1. Although I was tired, I decided to go for a walk. 2. Because Kate loves to read, she has a large library. 3. John, who is always on time, arrived ten minutes late today. 4. Since the weather is lovely today, we will go to the park. 5. He is the man who won the lottery. 6. While I was eating, the telephone rang.	6 m	Understanding
Q3.	Answer the following questions: a) If God had granted his wish that day, what harm would it have caused him in later life? b) Where do the snakes and rodents take shelter during monsoon season? Why? c) The poetry of earth continues round the year through a cycle of two seasons. Mention each with its representative voice.	9 m	Hot
Q4.	Do you believe in superstitions? Why, or why not? Elaborate.	3 m	Hot
	Write a short note on the character of the school boy in the	3 m	Evaluation

Q5.	Jalebis.		
Q6.	Discuss the common and the contradictory features of a grasshopper and a cricket?	3 m	Hot



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Subject: Hindi

Assignment No. : 8

Allotment Date: 30 January 2024

क्रम सं.	प्रश्न	अंक	प्रकृति
1.	निम्न शब्दों के अर्थ लिखिये - असीम, खोखल, सरिता, शिखर, जुगाड़	5	Informative Communication Skills
2.	निम्नलिखित प्रश्नों के उत्तर दीजिए- 1- बाज के लिए लहरों ने गीत क्यों गाया था? 2 बाज को देखकर सांप खुश क्यों हुआ होगा?	6	Critical Thinking and Problem Solving
3.	एक सफल विज्ञापन के प्रमुख गुणों का उल्लेख कीजिए।	4	Interdisciplinary
4.	आपके विद्यालय में रक्तदान शिविर का आयोजन किया गया। उक्त शिविर की एक संक्षिप्त रिपोर्ट अपने विद्यालय की पत्रिका के लिए तैयार कीजिए।	5	Understanding
5.	निम्नलिखित विज्ञापनों के लिए कोई आकर्षक शीर्षक या स्लोगन लिखिए। (क) लाइफबाँय साबुन (ख) पेंटीन शैंपू	4	Evaluation
6.	(क) ब्रिटिश शासन काल के दौरान भारत में कहाँ-कहाँ अकाल पड़ा? (ख) सन् 1942 में हुए जन-आंदोलन की क्या विशेषता थी? (ग) भारत छोड़ो' प्रस्ताव कब और किसके द्वारा रखा गया?	6	Analytical



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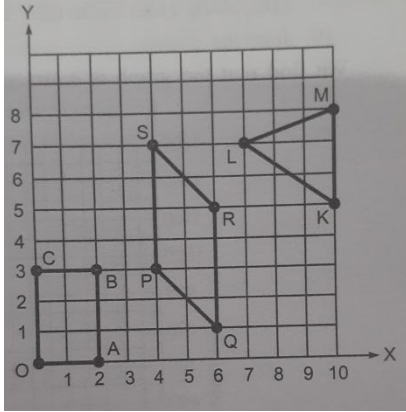
Subject: Mathematics

Assignment No. : 8

Allotment Date: 30 January 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose the correct alternatives in each of the following:</p> <p>The common factor of x^2y^2 and x^3y^3 is (a) x^2y^2 (b) x^3y^3 (c) x^2y^3 (d) x^3y^2</p>	1	Understanding
2	<p>The common factor of $6a^3b^4c^2$, $21a^2b$ and $15a^3$ is: (a) $3a^2$ (b) $3a^3$ (c) $6a^3$ (d) $6a^2$</p>	1	Understanding
3	<p>The coordinates of the origin are (a) (0, 0) (b) (1, 0) (c) (0, 1) (d) (1, 1).</p>	1	Analytical
4	<p>What are the coordinates of a point whose x-coordinate is 1 and y-coordinate is 0? (a) (1, 0) (b) (0, 0) (c) (0, 1) (d) (1, 1)</p>	1	Analytical
5	<p>The factorisation of $6x - 42$ is (a) $6(x - 7)$ (b) $3(x - 7)$ (c) $2(x - 7)$ (d) $6(x + 7)$</p>	1	Evaluation
	<p>Fill in the blanks.</p>		
6	<p>A _____ is a bar graph that shows data in intervals..</p>	1	Understanding

7	If $x = 2$, $y = -1$ then the value of $x^2 - 4xy + 4y^2$ is _____ .	1	Evaluation
8	A graph that displays data that changes continuously over periods of time is called _____.	1	Analysis
9	The quotient of $28x^2 \div 14x$ is _____.	1	Evaluation
10	Factorise: $10ab + 4a + 5b + 2$	2	Critical thinking
11	Carry out the following division: $5(2x + 1)(3x + 5) \div (2x + 1)$	2	Evaluation
12	Find and correct the errors in the following mathematical statement: $(y - 3)^2 = y^2 - 9$	2	Critical thinking and problem solving
13	Factorise the expressions and divide them as directed. $4yz(z^2 + 6z - 16) \div 2y(z + 8)$	3	Critical thinking
14	Divide the given polynomial by the given monomial. $(3y^8 - 4y^6 + 5y^4) \div y^4$	3	Hot
15	Avinash wants to draw a line using cartesian system which satisfies following given points. i) Draw a line passing through (2, 3) and (3, 2) on a graph paper. ii) Find the coordinates of the points at which this line meets the x-axis iii) Find the coordinates of the points at which this line meets the y-axis.	4(2+1+1)	Case study
16	Write the coordinates of the vertices of each of these following Figures:	5	Interdisciplinary





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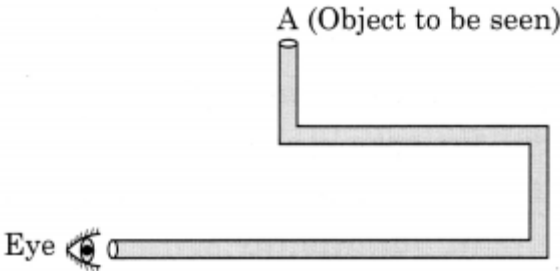


Subject: Science

Assignment No. : 8

Allotment Date: 30 January 2024

S. NO.	QUESTIONS	MARKS	NATURE
Q1.	Answer the following questions. I. What is the function of the retina? II What is reflection?. III. What is an incident ray?	1x3=3	Information
Q2.	I. Can we see objects in the dark? Why? II. What will be the angle of incidence of a ray when the reflected ray is perpendicular to the incident ray?	2x2=4	Understanding
Q3.	I. What are the uses of periscope? II. Survey your neighborhood. Find out how many children below the age of 12 years use spectacles. Find out from their parents what, in their view, could be the reason for the weak eyesight of their children.	2x3=6	HOT
Q4.	I. While playing, something entered into Somya's eye. She immediately washed her eye with cold water. But as the irritation persisted, she immediately reported to her class teacher. Her class teacher took her to an eye doctor. <ul style="list-style-type: none">● What should be done if some foreign particles enter your eyes?● Why is it not advised to rub your eyes when there is eye irritation due to foreign particles?● Do you think Somya was right in her action? II. Explain the human eye with the help of a diagram.	3x2=6	Interdisciplinary

Q5.	I. What kind of lens is there in our eyes? Where does it form the image of an object?	3x1=3	Analytical Skill
Q6.	II. Write a short note on the Braille system.	3x1=3	Critical Thinking and Problem Solving
Q7.	<p>I. Boojho planned an activity to observe an object A through pipes as shown in the given figure, so that he could see objects which he could not directly see.</p> <div style="text-align: center;">  </div> <p>(a) How many mirrors should he use to see the object?</p> <p>(b) Indicate the positions of the mirrors in the figure.</p> <p>(c) What must be the angle with respect to the incident light at which he should place the mirrors?</p> <p>(d) Indicate the direction of rays in the figure.</p> <p>(e) If any of the mirrors is removed, will he be able to see the object?</p>	5x1=5	Communication Skills and Evaluation



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Subject: Social Science

Assignment No. : 8

Allotment Date: 30 January 2024

SECTION	QUESTIONS	MARKS	NATURE
A	Fill in the blanks and rewrite the sentences. i. In 1919 Gandhiji gave call for a satyagraha against the _____ ii. _____ recognises the right to water as right to life. iii. The March towards Dandi was done to break _____ . iv. Burden of shortfalls in water supply falls on the _____. v. Bhopal Gas Tragedy took place in _____.	5x1=5	Objective Type Question
B	i. Explain the Ilbert Bill . ii. Why are companies and contractors able to violate environmental laws?	2x2=4	Very Short Question
C	i) What had happened in Chauri Chaura that Gandhiji called off his non- cooperation movement? ii) Write about Quit India movement.	2x3=6	Short Question
D	i) Do you think it is also important to conserve resources like water and electricity and to use more public transport? ii) Write about the Row latt Satyagraha.	2x5=10	Long Question
E	Look at the picture given below and answer the following questions:	1x3=3	Case Based Question



- i) What do you see in the above image?
- ii) Name the British officer who ordered fire on the people gathering in Jallianwala Bagh?
- iii) When was this incident happened?

F

On the political map of India, mark and locate the following:

- i. Dandi
- ii. Jallianwala Bagh
- iii. Chennai
- iv. Bhopal

4x.5=2

Map Based Question



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Subject: Sanskrit

Assignment No. : 8

Allotment Date: 30 January 2024

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>रेखांकितपदानि आधृत्य प्रश्ननिर्माणं कुरुत-</p> <p>(क) सूर्यः पश्चिमायां दिशायाम् अस्तं गच्छति?</p> <p>(ख) पृथिवी स्थिरा वर्तते इति परम्परया प्रचलिता रूढिः?</p> <p>(ग) आर्यभट्टस्य योगदानं गणितज्योतिष संबद्धः वर्तते?</p> <p>(घ) समाजे नूतनविचारणाम् स्वीकरणे प्रायः सामान्यजनाः काठिन्यमनुभवन्ति?</p> <p>(ङ) पृथ्वीसूर्ययोः मध्ये चन्द्रस्य छाया पातेन सूर्य ग्रहणं भवति?</p>	(5)	Information
2	<p>अधोलिखितानि पदानि आधृत्य वाक्यानि रचयत-</p> <p>साम्प्रतम् -</p> <p>निकषा -</p> <p>परितः -</p> <p>उपविष्टः -</p> <p>कर्मभूमिः -</p> <p>वैज्ञानिकः -</p>	(5)	Understanding
3	<p>मञ्जूषातः पदानि चित्वा रिक्तस्थानानि पूरयत -</p> <p>नौकाम् ,पृथिवी ,तदा ,चला ,अस्तं</p> <p>(क) सूर्यः पूर्वदिशायाम् उदेति पश्चिमदिशि च ----- गच्छति।</p> <p>(ख) सूर्यः अचलः पृथिवी च -----।</p> <p>(ग) ----- स्वकीये अक्षे घूर्णति।</p> <p>(घ) यदा पृथिव्याः छायापातेन चन्द्रस्य प्रकाशः अवरुध्यते ----- चन्द्रग्रहणम् भवति।</p> <p>(ङ) नौकायाम् उपविष्टः मानवः ----- स्थिरामनुभवति।</p>	(5)	Interdisciplinary
4	<p>सन्धिविच्छेद कुरुत -</p> <p>(क) ग्रन्थोऽयम् - ----- + -----</p>	(5)	Analytical Skill

	(ख) सूर्याचलः - ----- + ----- (ग) तथैव - ----- + ----- (घ) कालातिगामिनी - ----- + ----- (ङ) प्रथमोपग्रहस्य - ----- + -----		
5	अधोलिखित शब्दानाम् अर्थाः लिखत - (क) निकषा (ख) अक्षे (ग) कालातिगामिनी (घ) अवरुध्यते (ङ) उपविष्टः	(5)	Critical Thinking and Problem Solving
6	अधोलिखितपदानां विपरीतार्थकपदानि लिखत- उदयः अचलः अन्धकारः स्थिरः समादरः आकाशस्य	(5)	Evaluation



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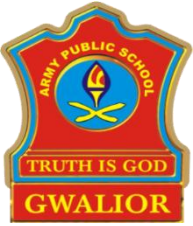
Subject: Computer

Assignment No. : 8

Allotment Date: 30 January 2024

S.NO.	QUESTIONS	MARKS-10	NATURE
1	Choose and write the correct option (MCQ):-	0.5x5=2.5	Information
i)	String, list or tuple are termed as_____. a) sequence b) function c) loop		
ii)	Which of the following is not the type of loop? a) Conditional b) Counter c) Compute		
iii)	_____statement can be used to unconditionally jump out of the loop. a) Break b) Continue c) While-else		
iv)	The while loop is also known as _____control loop. a) empty b) entry c) exit		

v)	<p>_____ is the smaller part of GUI which provides better control to the user.</p> <p>a) Widget b) Range c) Continue</p>		
2	<p>Fill in the blanks-</p> <p>a) _____ widget is used to create action button for application.</p> <p>b) _____ method organizes the widget window in tabular form.</p> <p>c) The range function consists of three parameters - _____, _____ and _____.</p> <p>d) The _____ loop is used to repeat a block of statements until there is no item in any sequence</p> <p>e) When we use else with for loop, this structure known as _____.</p>	0.5x 5=2.5	Understanding
3.	<p>Write 'T' for True and 'F' for False statements.</p> <p>a) Range is a pre-defined function of python.</p> <p>b) Sequence is a collection of elements.</p> <p>c) Continue statement is used to unconditionally jump out of the loop.</p>	0.5x3=1.5	Understanding
4.	<p>Answer the following questions:-</p> <p>a) Define range () function.</p> <p>b) Define for-else loop.</p> <p>c) What is widget? Give example.</p> <p>d) Explain for-loop with example?</p> <p>e) Explain Break statement and Continue statement with examples?</p> <p>f) What are loops and why they are important in python program?</p> <p>g) Name three types of Tkinter layout management methods?</p>	0.5x 7=3.5	Evaluation



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Subject: ATL

Assignment No. : 8

Allotment Date: 30 January 2024

S. NO.	QUESTIONS	MARKS	NATURE
1.	Choose the correct answer.		
A)	_____ operator is used to assign value to variable. a. Arithmetic b. Logical c. Assignment	1	Understanding
B)	A _____ control structure shows one or more actions following each other in order. a. Sequential b. Procedure c. Branching	1	Understanding
C)	The _____ statement is an extension of the simple if statement. a. If b. If-else c. If-elif-else	1	Understanding
D)	Without _____ Turtle library, you cannot access its function and commands. a. Exporting b. Importing c. Including	1	Understanding
2.	State whether these statements are true or false.		
A)	The if...else is an extension of the simple if statement.	1	Analytical Thinking
B)	We use if-elif-else statement when the multiple decisions are involved.	1	Understanding

C)	Conditional and looping statements are structured using indentation.	1	Understanding
3.	Fill in the blanks.		
A)	A compound statement has one or more _____, aligned at the same _____	1	Understanding
B)	If statement is made up of the _____ keyword, followed by a _____ and a _____.	1	Understanding
C)	_____ is the process of placing the if or if-else or elif statement in other statements.	1	Understanding



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Subject: Music

Assignment No. : 8

Allotment Date: 30 January 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	What is the old name of Kathak ? a) Kushilav b) Devansh.	1	Informative
2	What are the five elements of dance ? a) Sky, air, fire, water and earth. b) Mind, physical structure.	1	Informative
(3)	What is the most important element of dance ? a) sangeet b) natak	1	Informative
4.	What is Bhoomi Pranam in dance ? a) Asking permission from the earth before dancing. b) Not allowed before dancing.	1	Informative
5	What kind of song is "Saare Jahaan Se Acha" ? a) Bollywood b) Patriotic	1	Informative
6.	Ae watan watan mere ____ rahe tu ? a) Aabad b) Azad	1	Informative
7.	What kind of feelings do patriotic songs evoke ? a) patriotism b) Krishna Bhakti	1	Informative
8.	On which instrument is the national anthem played ? a) Piano b) Tabla	1	Informative
9,	National anthem can be played on string instrument ? a) yes	1	Informative

	b)no		
10.	Can the national anthem be played with drums ? a)yes b)No	1	Informative



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Subject: Art Education

Assignment No. : 8

Allotment Date: 30 January 2024

S. No.	QUESTIONS	MARKS	NATURE
1	What is human anatomy in art?	2	Informative
2	What are the 7 ways to study human anatomy?	2	Informative
3	How do you study human anatomy for art?	2	Understanding
4	What is cloth Textile in Art?	2	Informative
5	What kind of art is textile?	2	Understanding



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Subject: Karate

Assignment No. : 8

Allotment Date: 30 January 2024

S.N	QUESTIONS	Point
1.	What is the english name of yuko gari? A. Side kick B. Front kick C. Kick D. Lower kick	1X10=10
2.	Which part of yuko gari will be use for scoring? A. heel B. toe C. complete feet D. knee	
3.	How many score will get by yuko gari? A. 3 B. 5 C. 6 D. 2	
4.	Yuko poin is awarded for.....? A. Gyaku tsuki B. Chudan gari C. Mitobigari D. Kentekigari	
FILL IN THE BLANKS		
5. scoring criteria of kumite.(5,6,)	
6	wazari score is awarded for(gyaku tsuki, yuko gari)	

7.	Waza-ari is the japeese name ofpoint.(two,three) TRUE AND FALSE	
8.	Step yuko gari can be used in competition.	
9.	Gyaku tsuki can be used for face attack.	
10.	Correct distance is the scoring criteria of kumite	



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Subject: Yoga

Assignment No. : 8

Allotment Date: 30 January 2024

QUESTIONS	MARKS	SKILLS
<p>Fill in the blanks</p> <p>1. Pratyahara is the withdrawal or control of the _____.</p> <p>2. It serves as a bridge between the external aspects of yoga, like asana and pranayama, and the internal practices of _____ and _____.</p> <p>3. Pratyahara involves shifting one's awareness from external stimuli to the _____ world</p>	3X1=3	INFORMATIVE
<p><u>True and False:</u></p> <p>1. Pratyahara implies complete suppression of sensory experiences.</p> <p>2. The practice of Pratyahara is limited to formal meditation sessions.</p> <p>3. Detaching from sensory triggers can contribute to emotional instability</p>	3X1=3	CRITICAL THINKING

<p>Multiple Choice Questions:</p> <p>1. What is Pratyahara's role in the eight limbs of yoga? a) Second limb b) Fifth limb c) Eighth limb d) Tenth limb</p> <p>2. What does Pratyahara NOT involve? a) Complete suppression of sensory experiences b) Mindful withdrawal of attention c) Focusing solely on external distractions d) Detaching from sensory triggers</p> <p>3. What is the significance of Pratyahara in relation to Dharana and Dhyana? a) Pratyahara is unrelated to Dharana and Dhyana. b) Pratyahara serves as a foundation for Dharana and Dhyana. c) Dharana and Dhyana are prerequisites for practicing Pratyahara. d) Pratyahara is an alternative to Dharana and Dhyana.</p> <p>4. Which limb of yoga follows Pratyahara in the eight limbs system? a) Yama b) Niyama c) Asana d) Dharana</p>	4X1=4	ANALYTICAL THINKING
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ARMY PUBLIC SCHOOL GWALIOR
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Subject: Health and Physical Education
Allotment Date: 30 January 2024

Assignment No. : 8

S.NO	QUESTIONS	MARKS	SKILLS/ COMPETENCIES
1.	<p>Tick The Correct Answer</p> <p>Q-1 Full form of AFI IS?</p> <ul style="list-style-type: none">a. ATHLETICS FEDERATION OF INDIA.b. ATHLETICS FEDERATION OF IMPHAL.c. ATHLETICS FIELD OF IINDIA.d. ATTRACTIVE FEDERATION OF INDIA. <p>Q-2 How many athletes run on a relay team?</p> <ul style="list-style-type: none">a.3b.5c.7d.4 <p>Q-3which of the following is a field event?</p> <ul style="list-style-type: none">a. 1500mb. 1600mc. Javelind. 200m <p>Q-4what is the shortest distance for a track event in the olympics?</p> <ul style="list-style-type: none">a. 200mb. 600mc. 800md. 100m	4	INFORMATION

<p>2</p>	<p><u>Fill in the blanks</u></p> <p>Q-5 100 meter considered a _____.</p> <p>a) Sprint b) Middle race c) Long distance d) Field event</p> <p>Q-6- _____ is the famous Jamaican sprinter known as "The fastest man alive" .</p> <p>a) Usain bolt b) Bob jones c) Hema das d) Preeti singh</p> <p>Q-7 The distance of the triple jump event is _____.</p> <p>a) 10m b) 12m c) 14m d) 16m</p>	<p>3</p>	<p>Knowledge</p>
<p>3</p>	<p><u>True False</u></p> <p>Q-08- A marathon consider as a long distance race.</p> <p>A. True B. False</p> <p>Q-9- Discus throw is considered a jump event.</p> <p>A. True B. False</p> <p>Q-10 There are 9 hurdles in the event of 110-meter hurdles in athletics.</p> <p>(घ) True (ङ) False</p>	<p>3</p>	<p>Understanding</p>

