

ARMY PUBLIC SCHOOL GWALIOR

CLASS - IX

ACADEMIC SESSION 2022-23

WORKSHEET (SELF –ASSESSMENT)



Subject: English

Assignment No: 03

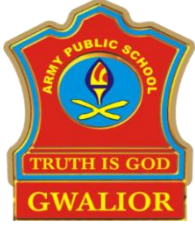
Allotment Date: 20 July 2022

S.NO	QUESTIONS	MARKS	SKILLS/ COMPETENCIES
Q1.	<p>Read the passage carefully.</p> <p>1. Advertising was initially meant to make people aware of the goods available in the market. It was as simple as announcing what you have in your store or the services you offer in your premises. Over the years, advertising has evolved into a major industry that beyond informing to persuading and influencing. It is a form of brainwashing consumers.</p> <p>2. Advertising has become a type of culture with ardent followers. In the process, it attracts enviable attention from manufacturers and service providers who fancy an edge over their competitors. Unfortunately, in keeping with the ever-increasing demands of the manufacturers, the advertisers have resulted to creating unnecessary wants and excess consumption in most of us. This is a craving for harmful products that we are better off without. It preys on our minds rendering us completely irrational. The billboards (hoardings), television and radio advertisements target us from a very early age, forming our view of the world as we grow. into adults. The buzzwords in advertising are, 'you are cool and sophisticated', if you use this or that product.</p> <p>3. The notion that the media is primarily in place to give us news is not very true. If the truth may be told, the media is there to gather enough audience, package them into a pricey commodity and sell it to the advertisers. The advertisers, on the other hand, are always on the lookout for a target audience to persuade them that this product of service is better than that of the competitor.</p> <p>4. Advertising does influence people. Most of the advertisements are filled with images that equate emotional well-being with material acquisition and associate independence and leisure with consumption of alcohol. Advertising also makes people lavish on their products rather than real people, thereby destroying human relationships. We</p>	5M	Understanding

	<p>have become trapped in the web of advertising where products like brands of beer and cigarette take over our minds, doing away with our core family values.</p> <p>5. When you look critically at most of the advertisements on the television, you will discover how persuasive the advertisers are in deciding for us what, when, how much and why to buy. But most people think that they are not influenced by advertisements. This is precisely what the advertisers want us to think, that in the end ‘the people decide’. If you think deeply, nobody in this profit-minded sense will pay so much money to make a thirty second advertisement, which might not be seen by a hundred people, leave alone convince them to buy. How we strike a healthy balance between the two will definitely have a direct bearing on the future of our country.</p> <p>On the basis of your reading of the passage, answer the following questions.</p> <ol style="list-style-type: none"> 1. What was the purpose of advertising? 2. How do advertisements make us irrational? 3. How does advertising affect us? 4. What do you discover when you look at advertisement critically? 5. The antonym of ‘harmony’ as given in para 1 is_____ . 		
<p>Q2.</p>	<p>Read the passage carefully.</p> <p>Good health is the soundness of body, mind and soul. It is that condition in which the body and mind duly discharge their functions. Good health helps everyone to be creative and work for the welfare of the society. He has to be, therefore, free from diseases: or, if he suffers from a disease he needs treatments not only for that particular disease but for the whole body, mind and soul. In other words, a doctor has to have a sound approach to the patients.</p> <p>In these days of specialization, doctors cure a patient only for his immediate disease, treating it in isolation. Such an approach goes against the old aphorism that “prevention is better than cure”. Dr. Hedge provides insight into the overall causes of simple and serious disease and describes the methods of preventing them without having to take medicine but exercising, self-control on food consumption, smoking and intake of alcoholic drinks. He also advocates regular yoga exercise and meditation to keep fit, but at the same time warns against over indulgence.</p> <p>Hedge stresses the importance of laughter because, laughter induces secretion of good catecholamine which is hormone, produced by adrenal glands; they can be both beneficial and harmful. They are harmful when a person is angry, but</p>	<p>5M</p>	<p>Critical Thinking & Problem Solving</p>

	<p>beneficial if he laughs. For a healthy living, "Laughter proves to be great boon," Hedge says.</p> <p>In these days of hectic life, full of stress, strain and emotions, everyone needs to lead a relaxed life. The best form of relaxation, according to Hedge, is sound sleep. "Restful sleep at night will recharge our batteries for the following day's fruitful endeavour," he says. There is no use of lying on the bed and tossing without sleep. Under those circumstances it is better to read or engage oneself in some light mental activities which are useful. But never seek refuge in alcoholic drinks or pills for inducing sleep, as these are not refreshing for an individual. For a normal human being, eight hours of sleep a day is sufficient to keep him free from stress. More than nine to ten hours of sleep a day would produce increased muscle protein, loss in the body and might even shorten one's life.</p> <p>Q. On the basis of your reading of the passage, answer the following questions:</p> <ol style="list-style-type: none"> 1. According to Hedge, what is the importance of laughter? 2. What is the best form of relaxation in these days of hectic life? How? 3. What do you mean by Good Health? How does it help? 4. Write do's and don'ts for sleep. 5. In para 2, the word which means 'satisfaction' is _____. <ol style="list-style-type: none"> 1. specialization 2. isolation 3. meditation 4. indulgence 		
Q3.	You recently lost an expensive wristwatch belonging to your grandfather. You are now feeling afraid to confess. Express your feelings of anguish through a diary entry in 100-150 words.	5M	Communication skills
Q4.	<p>The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction against each line of the passage.</p> <p>The room in which the boys were feed a) _____</p> <p>was a large stone hall with a copper in b) _____</p> <p>one end: out of what the master, dressed c) _____</p> <p>in an apron.</p>	1X3=3M	Analytical
Q5.	<p>Read the dialogue given below and then complete the report that follows.</p> <p>Father: What are you going to do?</p> <p>Son: I will phone the warden.</p> <p>Father: What's her name?</p> <p>Son: Jenny, she is a very helpful person.</p> <p>The father asked his son (a) _____ to do. The son (b) _____ phone the warden. On this the father asked what her name was.</p>	2M	Interdisciplinary
Q6.	<p>Short Answer Type Questions</p> <p>Answer the following questions in 30-40 words only.</p>	2X6=12M	Evaluation

	<ol style="list-style-type: none"> 1. What made Kezia's father punish her ? 2. What kind of a person was Kezia's father? 3. Why and how does the wind blow out weak fires? 4. Who roar and flourish in the poem 'The Wind'? 5. Who gave Kezia the idea to make a present for her father and why? 6. What do you mean by the line 'Wind God winnows..' in the poem 'The Wind'? 		
Q7.	<p>Long Answer Type Questions Answer the following questions in 100-120 words.</p> <ol style="list-style-type: none"> 1. How did Kezia's efforts to please her father resulted in displeasing him very much? Elaborate. 2. Explain three poetic devices used in the poem, 'The Wind.' 	4x2=8	HOTS



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CLASS - IX

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WORKSHEET (SELF –ASSESSMENT)



Subject: Hindi

Assignment No: 03

Allotment Date: 20 July 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	अपनी माता जी को एक पत्र लिखिए जिसमें परिवार के सभी व्यक्तियों का कुशल समाचार हो	5	Information
2	बिजली की बार बार कटौती से उत्पन्न स्थिति से परेशान महिलाओं की बातचीत का संवाद लेखन 50 से 60 शब्दों में कीजिए	6	Communication Skills
3	1 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए तरावट अड़चन 2 शब्द पद कब बन जाता है उदाहरण सहित स्पष्ट कीजिए 3 निम्नलिखित शब्दों के विलोम शब्द लिखिए स्थिर प्रकाश 4 निम्नलिखित शब्दों में प्रत्यय तथा मूल शब्द अलग कीजिए साप्ताहिक चौकसाई पहनावा	2 3 2 3	Interdisciplinary

4	रहीम के दोहों का केंद्रीय भाव अपने शब्दों में लिखिए	5	Analytical Skill
5	<p>निम्नलिखित में से किसी एक विषय पर 80 – 100 शब्दों में अनुच्छेद लिखिए </p> <p style="text-align: center;">दिल्ली की बदलती तस्वीर</p> <p style="text-align: center;">अथवा</p> <p style="text-align: center;">आदर्श विद्यार्थी</p>	5	Critical Thinking and Problem Solving
6	<p>निम्नलिखित प्रश्नों के उत्तर दीजिए </p> <p>1 अवध नरेश कहकर किसकी ओर संकेत किया गया है? उन्हें चित्रकूट में शरण क्यों लेनी पड़ी?</p> <p>2 हिमपात किस तरह होता है और उससे क्या परिवर्तन क्या - आते ह?</p> <p>3 सम्मिलित अभियान में सहयोग एवं सहायता की भावना का परिचय बर्चेंद्री के किस कार्य से मिलता है?</p>	9	Evaluation



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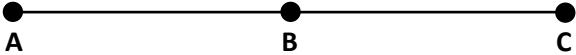
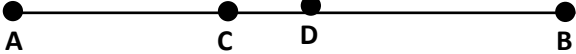
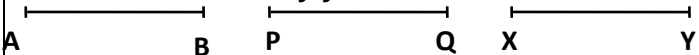
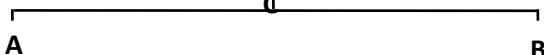
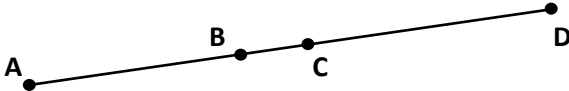


Subject: Mathematics

Assignment No: 03

Allotment Date: 20 July 2022

S.NO.	QUESTIONS	MARKS	NATURE
1	The solution of the equation $x - 2y = 4$ is: a)(0, 2) b)(4, 0) c)(1, 1) d)(2, 0)	1	Understanding
2	In graphical representation of $y = -4$, line is a)parallel to x – axis b)parallel to y – axis c)passes through origin d)None of these	1	Application
3	Solution of the equation $2x + 1 = x + 3$ is.....	1	Understanding
4	The graph of line $x - y = 0$ passes through: (a) (2, 3) (b) (3, 4) (c) (5, 6) (d) (0, 0)	1	Interdisciplinary
5	The graph of line $x + y = 7$ intersect the x-axis at	1	Analytical Skill
6	Point (4, 1) lies on the line: (a) $x + 2y = 5$ (b) $x + 2y = -6$ (c) $x + 2y = 6$ (d) $x + 2y = 16$	1	Critical Thinking and Problem Solving
7	According to Euclid's definition, the ends of a line are	1	Application
8.	According to listing in the class IX book of NCERT. the first axiom is (a) Things which are equal to the same thing, are equal to each other (b) If equal are added to equals. the result are equal (c) If equals are subtracted from equals. the results are equal (d) The whole is greater than its part.	1	Analytical Thinking
9	Things which are three times of the same thing are (a) equal to each other (b) not equal to each other (c) half of the same thing (d) double of the same thing	1	Understanding
10	A solid has.....	1	Interdisciplinary

11	<p>if a point C lies between two points A and B such that $AC = BC$, then</p>  <p>(a) $AC = AB$ (b) $AC = \frac{1}{2}AB$ (G) $AB = \frac{1}{2}AC$ ((1) $AC = \frac{1}{3} AB$</p>	1	Interdisciplinary
12.	<p>$\angle A : \angle B$ and $\angle B : \angle C$. According to which axiom of Euclid the relation between $\angle A$ and $\angle C$ is established? (a) I (b) II (c) III (d) IV</p>	1	Application
13	<p>Draw the graph of the following equation $2(x + 1) = 3(y - 1) - 4$ and check whether the point $(3, -1)$ lies on the line.</p>	2	Evaluation
14	<p>Draw the graph of $y = -5$ and $y = 5$ on the same graph. Are the lines parallel? Find the point of intersection of two lines</p>	2	Analytical Thinking
15.	<p>If present age of son and father are expressed by x and y respectively and after ten years father will be twice as of as his son. Write the relation between x and y.</p>	2	Evaluation
16.	<p>If the cost of Stables exceeds the cost of eight chairs by Rs. 150. Write the linear equation in two variables to represent the statement. Also find the cost of 1 table if the cost of one chair is RS. 240</p>	2	Evaluation
17.	<p>What are the difference between Euclid's postulates and axioms?</p>	2	Analytical Thinking
18.	<p>In figure, it is given that $AD=BC$. By which Euclid's axiom it can be proved that $AC = BD$'?</p> 	2	Problem solving
19.	<p>In the above figure, if $AB : PQ$, $PQ = XY$, then $AB = XY$. State True or False. Justify your answer.</p> 	2	Evaluation
20.	<p>State Euclid's 5th postulate</p>	2	Interdisciplinary
21.	<p>If a point C lies between two points A and B such that $AC = BC$, then prove that $AC = \frac{1}{2}AB$. Explain by drawing the figure.</p> 	3	Critical thinking
22.	<p>In the given figure, if $AC = BD$, then prove that $AB = CD$.</p> 	3	HOTS
23.	<p>Cost of 1 pen is Rs x and that of 1 pencil is Rs y. Cost of 2 pens and 3 pencils together is Rs18. Write a linear equation which satisfies this data. Draw the graph for the same.</p>	3	HOTS
24.	<p>If $(2,3)$ and $(4, 0)$ lie on the graph of equation $ax + by = 1$. Find the value of a and b. Plot the graph of equation obtained.</p>	3	HOTS



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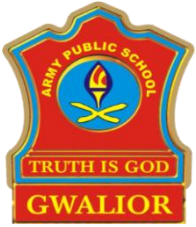


Subject: Science

Assignment No: 03

Allotment Date: 20 July 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1 Why do bicycles begin to slow down when we stop pedalling? Q2. Why do we see water droplets on the outer surface of a glass containing ice cold water? Q3. Which is the energy currency of the cell? Give the full form of ATP.	1 1 1	Information
2	Q4. Which cell organelle is called the power house of the cell and why? Q5. Why does a boat tend to leave the shore, when passengers are alighting from it? Q6. Explain inter-conversion of three states of matter with the help of flow chart. Name the process of each inter-conversion.	3 3 3	Understanding
3	Q7. Deduce Newton's first law from the second law. Q8. Why do the doctors advise to put strips of wet cloth on the forehead of a person having high fever?	3 3	HOTS
4	Q9. (a) Name the cell organelle which is commonly called suicidal bags of the cell. (b) Why are they called suicidal bags? Q10. Describe in brief an activity to illustrate the property of inertia of rest.	3 3	Interdisciplinary
5	Q11. How does evaporation differ from boiling? Write any three points. Q12. Discuss the various factors which affect the rate of evaporation. Latent heat of evaporation of two liquids A and B is 100 J/kg and 150 J/kg respectively. Which one can produce more cooling effect and why?	3 3	Analytical Skill
6	Q13. Describe Newton's first law of motion in detail, giving examples.	5	Critical Thinking and Problem Solving
7	Q14. Draw a well labelled diagram of a plant cell or an animal cell.	5	Evaluation



ARMY PUBLIC SCHOOL GWALIOR

CLASS - IX

ACADEMIC SESSION 2022-23

WORKSHEET (SELF –ASSESSMENT)



Subject: Social Science

Assignment No: 03

Allotment Date: 20 July 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	(i) According to the 'Theory of Plate Tectonics', when some plates come towards each other, which of the following is formed (a) Convergent boundary (b) Divergent boundary (c) Transform boundary (d) None of the above	1	Information
	(ii) What are 'raw materials and money in hand' called? (a) Working capital (b) Fixed capital (c) Physical capital (d) Human capital	1	
	(iii) What are lesser Himalayas known as? (a) Himadri (b) Purvanchal (c) Shivalik (d) Himachal	1	
	(iv) Physical capital is of two types- (a) Fixed capital and Working capital (b) Farming capital and Human capital (c) Fixed capital and Human capital. (d) All of these	1	
	(v) The peninsular plateau of India is part of which of the following landmass. (a) Angara land (b) Tethys	1	

	<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>(vii) According to the 'Theory of Plate Tectonics', the earth's crust is formed of how many major plates?</p> <p>(a) Three</p> <p>(b) Five</p> <p>(c) Seven</p> <p>(d) Eight</p> <p>(viii) Farmers of which states first tried out the modern farming method in India?</p> <p>(a) Punjab, Haryana and western Uttar Pradesh</p> <p>(b) Punjab, Haryana and eastern Uttar Pradesh</p> <p>(c) Punjab, Haryana and Rajasthan</p> <p>(d) Madhya Pradesh, Haryana and Rajasthan</p> <p>(ix) Which island of India are called Coral Islands?</p> <p>(a) Lakshadweep</p> <p>(b) Andaman and Nicobar</p> <p>(c) Nicobar</p> <p>(d) None of the above</p> <p>(x) When did the Green revolution take place in India?</p> <p>(a) In the early 1960s</p> <p>(b) In the mid-1960s</p> <p>(c) In the late 1960s</p> <p>(d) In the late 1970s</p>	<p>1</p> <p>1</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>	<p>Understanding</p>

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>	3 3	HOTS
4	<p>(a) What is the relation between resources and development?</p>	3	Interdisciplinary
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 style="text-align: center;">or</p> <p>(b) 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 hectare in size. Even with improved irrigation and modern farming method, Govind's sons 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 three sons 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>	5	Critical Thinking and Problem Solving
7	<p>(a) Evaluate the role of the 'Theory of Plate Tectonics' in changing the shape of the world.</p> <p style="text-align: center;">or</p> <p>(b) How is migration from villages a determinant factor of declining standard of agriculture?</p>	5	Evaluation