



ARMY PUBLIC SCHOOL GWALIOR
CLASS -IX
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)



Subject: English

Assignment No.9

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
Q.1	<p style="text-align: center;">READING</p> <p>Passage 1</p> <p>Read the passage carefully.</p> <p>(1) Corruption, terrorism, communalism, greed for power and wealth and the list of ailments that affect modern society continue. More than half the population of India is below the age group of 25 and the future of the country will only be bright if youngsters are equipped to deal with these ailments.</p> <p>(2) A child is a storehouse of potential and it is important to nurture and develop these attributes from a very young age. Since they spend much of the time in school, the curriculum in school should be such that it enables children to understand, care and practise ethical values like respect, justice and civic sense. Education should aim to develop a sense of rights and duties as well as moral values like honesty, responsibility and respect for others.</p> <p>(3) Moral education should be directed towards enhancing a child's ability to critically analyse</p>	5 M	Understanding

situations, make decisions, empathise with people and work in cooperation towards a common goal.

- (4) As a means of direct instructions to students, schools are very influential in the character development of a child and the methods of education affect the development of morally upright citizens who can bring about the much needed change in the country.
- (5) The youth of today have to face a lot of problems like drug abuse, violent behaviour and family issues. If they are not taught morals, they would fail to differentiate between good and bad values. Hence, they would be incapable in dealing with different types of issues. A sound moral base would help a child make the right decisions, especially in an era where the youth is increasingly coming under the negative influence of the media.
- (6) Schools in India have introduced moral education as part of their curriculum because they realise that morally sound citizens are the need of the hour. Since most children look up to their teachers as role models, it is most appropriate that they be the facilitators of moral values.
- (7) Thus, schools should focus more on the personality development of children since it is one of the most important responsibilities of a school. Schools should take the initiative to mould children into better human beings so that they can make the world a better place to live in.

Based on your understanding of the passage, answer the following questions by choosing the correct option.

(A) Pick the correct reasons from the following options that affect modern society.

- (i) Terrorism
 - (ii) Corruption
 - (iii) Rights and duties
 - (iv) Education
 - (v) Greed for power and wealth
 - (vi) Communalism
- (a) (i), (iv), (v) and (iv)
- (b) (iii), (iv) and (v)
- (c) (i), (ii) and (iii)
- (d) (i), (ii), (v) and (vi)

(B) From the given options choose one quote that best expresses the central idea of the passage.

- (a) You don't have to think too hard when you talk to teachers. -JD Salinger
- (b) My idea of education is to unsettle the minds of the young and inflamed their internets. - Robert Maynard Hutchins
- (c) Education is not filling a bucket, but lighting a fire. -William Yeats
- (d) Students don't just need knowledge and know-how to succeed-they also need emotional intelligence and compassion. - Norman Vincent Peale

(C) According to the passage, which is the most important responsibility of a school?

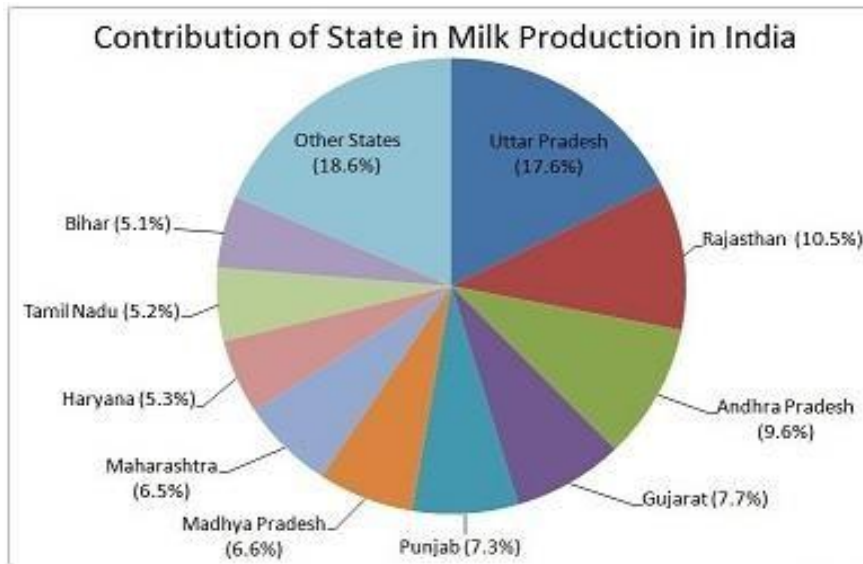
- (a) Personality development of children.
- (b) Telling children how to deal with illness.
- (c) Developing equality.
- (d) Promoting sports.

(D)are the negativities in life that influence children.

	<p>(a) Violent behaviour, drug</p> <p>(b) Poverty, sports</p> <p>(c) Illiteracy, traveling</p> <p>(d) Obesity, singing</p> <p>(E) Which statement from the following is correct based on your reading of the passage?</p> <p>(a) The role of school curriculum should be to enable children to understand care and practice ethical values.</p> <p>(b) It is important to develop the skills of a child.</p> <p>(c) Children should spend most of their time in the playground.</p> <p>(d) Education should aim to develop co-curricular skills in children.</p>		
<p>Q.2</p>	<p style="text-align: center;">CASE STUDY -PASSAGE 2</p> <p>Read the passage given below and study the pie chart to answer the questions that follow:</p> <p>The White Revolution, known as Operation Flood, was launched in 1970. It was an initiative by India's National Dairy Development Board (NDDB) and was the world's biggest dairy development programme. It transformed India from a milk deficient nation into the world's largest milk producers. Operation Flood was based on the experimental pattern set up by VergheseKurien, chairman and founder of AMUL, who was named the Chairman of NDDB and was also recognised as the architect of Operation Flood.</p> <p>There were three phases of the White Revolution in India.</p> <p>Phase 1: This phase started in July 1970 with the objective of setting up dairy cooperatives in 18 milk sheds in 10 states. They were to be linked with the four best metropolitan markets. By the end of this phase in 1981 there were 13,000 village dairy cooperatives covering 15,000 farmers.</p> <p>Phase 2: It aimed at building on the designs of phase 1 and on the assisted Dairy development programmes in Karnataka, Rajasthan and Madhya Pradesh. By the end of this phase in 1985 there were 136 milk sheds, 34,500 village dairy cooperatives and over 36 lakh members.</p>	<p>5</p>	<p>Critical Thinking & Problem Solving</p>

Phase 3: This phase emphasised on consolidating the gains of the earlier two phases by improving the productivity and efficiency of the dairy sectors for long term sustainability. It ended in 1996 and by that time there were 73,300 dairy cooperatives and over 9.4 million farmer members.

It ended the imports of milk solids in India and India started exporting milk powder to many foreign nations.



1. The White Revolution was responsible for turning India to

- (i) a milk deficient nation
- (ii) world's smallest milk producer
- (iii) world's largest milk producer
- (iv) none of these

2. Phase II of the White Revolution ended in .

- (i) 1981
- (ii) 1970
- (iii) 1985
- (iv) 1996


3. The major achievement of White Revolution was that .

- (i) India stopped importing milk
- (ii) India started exporting milk
- (iii) India stopped importing and started exporting milk
- (iv) None of these

4. At the end of Phase III of White Revolution, the number of farmer members were .

	<p>(c) dare to (d)will</p> <p>iv. Select the option that identifies the error and supplies the correction for the following line, from a news report: The State police have launched a special drive against tractors and trolleys which created chaos in residential areas these days.</p> <table border="1" data-bbox="435 510 1055 726"> <thead> <tr> <th>Option No.</th> <th>Error</th> <th>Correction</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Against</td> <td>For</td> </tr> <tr> <td>(b)</td> <td>Have</td> <td>Has</td> </tr> <tr> <td>(c)</td> <td>created</td> <td>Are creating</td> </tr> <tr> <td>(d)</td> <td>These</td> <td>This</td> </tr> </tbody> </table> <p>v. Complete the given narrative by filling in the blank with the correct option. I _____ this book since morning.</p> <p>(a) had been reading (b) have been reading (c) have had read (d) shall be reading</p>	Option No.	Error	Correction	(a)	Against	For	(b)	Have	Has	(c)	created	Are creating	(d)	These	This		
Option No.	Error	Correction																
(a)	Against	For																
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<p>Q.5</p>	<p>Read the extract and answer the questions briefly.</p> <p>a) “The house was not electrified. It was a small, rented room. I had just set up medical practice and my earnings were meager.”</p> <p>i) What kind of house did the speaker live in? ii) What did the speaker do to earn his living? iii) Why were his earnings not much? iv) Find a word that means the same as “very little.”</p>	<p>4X½=2</p>	<p>Interdisciplinary</p>															
<p>Q.6</p>	<p>Short Answer Type Questions Answer the following questions in 30-40 words only.</p> <p>i. List the things that little child wanted on the way to the fair. ii. Describe the scene where Toto almost boiled himself. iii. How did the goldsmith escape the punishment? Whom</p>	<p>2x6=12</p>	<p>Evaluation</p>															

	<p>did he blame?</p> <p>iv. 'The bleeding bark will heal'</p> <p>The above line shows the torture, pain and wounds the tree suffers at the hands of man. Despite all odds, it grows and rises again. What lesson do we learn from the tree?</p> <p>v. What is your opinion about the person attacking the snake in the poem 'The Snake Trying'?</p> <p>vi. How does the author describe Kathmandu's busiest streets?</p>		
<p>Q.7</p>	<p>Long Answer Type Questions Answer the following questions in 100-120 words.</p> <p>i) Imagine that you are the Intruder of the play 'If I Were You', and you get the chance to live the life of Gerrard after killing him. What changes would you bring in your lifestyle and what would you do to hide your real identity?</p> <p style="text-align: center;">OR</p> <p>ii) The men melt down the statue, yet the angels proclaim its heart as one of the most precious things in the city. Comment on the divergent viewpoints of the angels and humans with reference to the story 'The Happy Prince'.</p>	<p>6</p>	<p>HOT</p>

	<p>दीवारों को साफ़ कर दो।</p> <p>अरे! कितना विशाल मैदान है।</p> <p>किसान बैंक से कर्ज़ लेते हैं।</p> <p>क्या पक्षी आकाश में उड़ रहे हैं?</p>		
4	<p>दिए गए चित्रों को देखकर 50-60 शब्दों में उनका वर्णन कीजिए।</p> <p>4.</p> 	5	Analytical Skill
5	<p>निम्नलिखित में से किसी एक विषय पर 80 - 100 शब्दों में अनुच्छेद लिखिए।</p> <p style="text-align: center;">अभ्यास का महत्त्व</p> <p style="text-align: center;">अथवा</p> <p style="text-align: center;">वन और पर्यावरण का सम्बन्ध</p>	5	Critical Thinking and Problem Solving
6	<p>निम्नलिखित प्रश्नों के उत्तर दीजिए-</p> <ol style="list-style-type: none"> 1. गिल्लू को मुक्त करने की आवश्यकता क्यों समझी गई और उसके लिए लेखिका ने क्या उपाय किया? 2. लेखिका को देखकर 'की' हक्का-बक्का क्यों रह गया? 3. महादेव जी के किन गुणों ने उन्हें सबका लाडला बना दिया था? 	9	Evaluation



ARMYPUBLICSCHOOLGWALIOR

CLASS-IX

ACADEMICSESSION2022-23

WORKSHEET (SELF-ASSESSMENT)

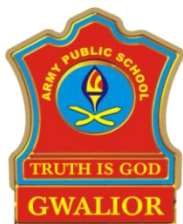
Subject: Mathematics

Assignment No.: 9

Allotment Date: 15 February 23

S.NO.	QUESTIONS	MARKS	NATURE
1	The number 1.101001000100001... is a. a natural number b. a whole number c. a rational number d. an irrational number	1	understanding
2	If value of 104×96 is a. 9984 b. 9469 c. 10234 d. 11324	1	Application
3	Which graph is parallel to x-axis? a. $y=x+1$ b. $y=2$ c. $x=3$ d. $x=2y$	1	understanding
4	Which point lies on the left of y-axis? a. (2, 0) b. (-2,-4) c. (5, 2) d. (3, 6)	1	Interdisciplinary
5	The edges of the surface are : a. Points b. Curves c. Lines d. None of the above	1	Analytical Skill

14.	The perimeter of an isosceles triangle is 32 cm. The ratio of the equal side to its base is 3: 2. Find the area of the triangle.	2	Analytical Thinking
15.	Express 1.363636... in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.	2	Evaluation
16.	Factorise $x^2 - 1 - 2a - a^2$.	2	Evaluation
17.	Without plotting the points indicate the quadrant in which they will lie, if (i) the ordinate is 5 and abscissa is - 3 (ii) the abscissa is - 5 and ordinate is - 3 (iii) the abscissa is - 5 and ordinate is 3 (iv) the ordinate is 5 and abscissa is 3	2	Analytical Thinking
18.	If the point (3, 4) lies on the graph of the equation $3y = ax + 7$, find the value of a.	2	Problem Solving
19.	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.	2	Evaluation
20.	In the figure determine the value of y. 	2	Interdisciplinary
21.	ΔABC is an isosceles triangle in which $AB = AC$. Side BA is produced to D such that $AD = AB$. Show that angle BCD is a right angle.	3	Critical Thinking
22.	ABCD is rhombus AD is produced to E so that $DE=DC$ and EC produced meets AB produced in F. Prove that $BF=BC$.	3	HOTS
23.	Meera has a piece of canvas whose area is 551 m^2 . She uses it to have a conical tent made, with a base radius of 7 m. Assuming that all the stitching margins and the wastage incurred while cutting, amounts to approximately 1 m^2 , find the volume of the tent that can be made with it.	3	HOTS
24.	In the given figure, $\angle PQR = 100^\circ$, where P, Q and R are points on a circle with centre O. Find $\angle LOPR$. 	3	HOTS



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

SESSION 2022-23



SELF ASSESSMENT WORKSHEET FEBRUARY

Subject: Science

Assignment No: 9

Allotment Date: 15 February

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Differentiate between Distance and Displacement (any two points)	2	Information
	Q2. If you apply a net force of 2.5N N on .3 kg-box, what is the acceleration of the box?	2	
	Q3. Suggest a suitable separation technique for the following: (a) Ammonium chloride and potassium chloride (b) Coloured components from blue ink (c) Mixture of alcohol in water (d) Oil from water	2	
2	Q4. Why is ice at 273 K more effective in cooling than water at the same temperature?	2	Understanding
	Q5. What is pasturage and how is it related to honey production?	2	
	Q6. A stone is dropped from the top of a 500 m high tower. Calculate its speed after 5 s. Also find the speed with which the stone strikes the ground.	3	
3	Q7. Is it possible that an object is in the state of accelerated motion due to external force acting on it, but no work is being done by the force? Explain with example	3	HOT
	Q8. Write the formulae of the following compounds: (a) Magnesium hydroxide (b) Potassium sulphate (c) Sodium hydrogen carbonate (d) Hydrogen iodide (e) Copper nitrate (f) Calcium carbonate	3	
4	Q9. If bromine atom is available in the form of say, two isotopes $^{79}_{35}\text{Br}$ (49.7%) and $^{81}_{35}\text{Br}$ (50.3%), calculate the average atomic mass of bromine atom.	3	Interdisciplinary
	Q10. Differentiate between Prokaryotic cell and Eukaryotic cell.	3	

7	<p>Q14. Dense regular connective tissue consists of ordered and densely packed fibres and cells. The fibres are loose and very elastic in nature. They are secreted by the surrounding connective tissue cells. This tissue is the principal component of tendons and ligaments. Tendons are cord like, very tough, inelastic bundles of white collagen fibres. Ligaments are cords formed by elastic tissue in which many collagen fibres are bound together by areolar tissue.</p> <p>(a) Define tissue. (b) Name the fat storing tissue in our body. (c) What is the function of tendon and ligament?</p>	4	Evaluation
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ARMY PUBLIC SCHOOL GWALIOR

CLASS - IX

ACADEMIC SESSION 2022-23

WORKSHEET (SELF –ASSESSMENT)



Subject: Social Science

Assignment No. : 9

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	When was Bastille destroyed? (a) 14 July 1789 (b) 14 July 1798 (c) 2 July 1789 (d) 5 August 1879	1	Information
2	Who were Jadidists within the Russian empire? (a) Muslim worker (b) Muslim reformers (c) Buddhist reformer (d) Buddhist cultivators	1	

3	<p>The easternmost longitude of India is:</p> <p>(a) 97° 25'E</p> <p>(b) 68° 7'E</p> <p>(c) 77° 6'E</p> <p>(d) 82° 32'E</p>	1	
4	<p>The black soil area of the peninsular plateau is known as-</p> <p>(a) Deccan Trap</p> <p>(b) Deccan Plateau</p> <p>(c) Chhotanagpur Plateau</p> <p>(d) None of these</p>	1	
5	<p>What does a candidate need before contesting elections in China?</p> <p>(a) Approval of at least two big-political parties</p> <p>(b) Approval of the National People's Congress</p> <p>(c) Approval of the Chinese Communist Party</p> <p>(d) Approval of the Election Commission</p>	1	
6	<p>What does 'EPIC' stand for?</p> <p>(a) Election Photo Identity Commission</p>	1	

<p>7</p>	<p>(b) Elementary Photo Identity Card</p> <p>(c) Election Photo Identity Card</p> <p>(d) Election Photo Individual Card</p> <p>When was the National Food for Work Programme launched?</p> <p>(a) In 2000</p> <p>(b) In 2002</p> <p>(c) In 2004</p> <p>(d) In 2006</p>	<p>1</p>	
<p>8</p>	<p>Which project is a significant step towards providing elementary education to all children in the age group of six to fourteen years by 2010?</p> <p>(a) Sarvodaya Shiksha Abhiyan</p> <p>(b) Navodaya Vidyalaya Abhiyan</p> <p>(c) Sarva Shiksha Abhiyan</p> <p>(d) Rashtriya Shiksha Abhiyan</p>	<p>1</p>	
<p>9</p>	<p>India's age composition comprises of-</p> <p>(a) Adults 60%, Aged 10%, Children 30%</p> <p>(b) Adults 58%, Aged 6.9%, Children 35.1%</p> <p>(c) Adults 57.7%, Aged 5.9%, Children</p>	<p>1</p>	

<p>10</p>	<p>36.4%</p> <p>(d) Adults 58.7%, Aged 6.9%, Children 34.4%</p> <p>The word 'Maasai' is derived from the word 'Maa'. 'Maasai' means-</p> <p>(a) My People</p> <p>(b) Mother and People</p> <p>(c) Their People</p> <p>(d) Tribal People</p>	<p>1</p>	
<p>2</p>	<p>(a) What is known as the 'burst of monsoon'?</p> <p>(b) What is code of conduct?</p>	<p>3</p> <p>3</p>	<p>Understanding</p>
<p>3</p>	<p>(a) Mention two major reasons for less effectiveness of the anti-poverty programmes?</p> <p>Or</p> <p>(b) Enumerate the demerits of an electoral</p>	<p>3</p>	<p>HOT</p>

	competition.		
4	<p>(a) How are job reservations for Scheduled Castes, Scheduled Tribes and Other Backward Classes not a violation of the Right of Equality?</p> <p>(b) How is the high level of indebtedness both the cause and effect of poverty?</p>	<p>3</p> <p>3</p>	Interdisciplinary
5	<p>(a) Discuss why the colonial government introduced the Wasteland Rules in India. How did the Wasteland Rules change the life of pastoralists?</p> <p>or</p> <p>(b) How is a democratic government a better government? Explain in view of the governance in China and that in</p>	5	Analytical Skill

	India.		
6	<p>(a) What is the significance of fundamental rights in a democratic country?</p> <p>or</p> <p>(b) Write a short note on National River Conservation Plan (NRCP). Discuss about the major steps taken by NRCP in keeping rivers clean.</p>	5	Critical Thinking and Problem Solving
7	<p>(a) Discuss the effects of the abolition of censorship in France.</p> <p>or</p> <p>(b) What was the status of mothers under Nazism?</p>	5	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS – IX
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Computer

Assignment No. : 5

Allotment Date: 15 February 2023

S. No.	Questions	Marks	Nature
1.	Write answer in one word:- a) Which tool allows you to remove imperfections from an image? b) Which is the tool that lightens the area of an image? c) Which list is also called as unordered list? d) Write the syntax of bold tag.	4 x ½=2	
2.	Fill in the blanks- a. The _____ tool lets you type text either horizontally or vertically. b. The _____ tool is used to darken area of an image. c. HTML is an acronym for Hyper Text _____ Language. d. _____ is the art of manipulating people so they give up confidential information.	4 x ½=2	
3.	Write 'T' for True and 'F' for False against the statements. a. A firewall can be hardware only. b. The unwanted messages by email or even by SMS are known as Spam. c. Body tags are used to hold the contents of the page. d. <h1> creates the largest heading and <h7> creates the smallest heading.	4 x ½=2	
4.	Answer the following:- a. What are filters? b. What is HTML? Write about tags and attributes. c. What is Cyber Safety? d. What is Phishing?	4 x 1=4	