



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: English

Assignment No. : 3

Allotment Date: 15 June 2021

S. No.	QUESTIONS	MARKS	NATURE
1	<p>Article Writing:</p> <p>Independent India is one of the largest countries in the world of today with a population of nearly 120 crores providing equal opportunity to every section of society. As a proud Indian write an article for your school magazine on 'Secularism in India' using following information:</p> <ul style="list-style-type: none">- Secularism: equal status and tolerance for all religions.- Impartiality should be there in religious matters.- India a Sovereign, Socialist, Secular, Democratic, Republic state.- Everyone should be given equal opportunity.	6 Marks	Information
2	<p>Read the following extract and answer the questions given below:</p> <p>" The wind blows out weak fires. He makes strong fires roar and flourish. His friendship is good. We praise him every day."</p> <p>Q.1 What does the wind do with strong fires?</p> <p>Q.2 Why does the poet say that his friendship is good?</p> <p>Q.3 What does it blow out?</p>	4 Marks	Understanding

	Q4 What do we praise every day?		
3	The children must understand their parents in the true sense? How?	5 Marks	HOT
4	<p>Grammar: Fill in the blanks with the correct form of the verb: -</p> <p>1. Neither of the two men ----- suitable. (has, were, is, are)</p> <p>2. Rama, as well as his friend, _____ won the prize. (has, have, had, are)</p> <p>3. The news of the war _____ good today. (is, was, were, are)</p>	3 Marks	Interdisciplinary
5	<p>Rearrange the following to form meaningful sentences.</p> <p>a) and I/ good friends/ were/ my grandmother</p> <p>b) to live/ with her/ my parents/ in the city/ left me/ they went/ when</p> <p>c) I loved it/ I listened/ learn it/ her voice/ bothered to/ because/ but never/ to</p>	3 Marks	Analytical Skill
6	Ishwaran was a master story teller. Describe his amazing capacity of narrating stories and anecdotes.	5 Marks	Critical Thinking and Problem Solving
7	<p>Answer the following questions:</p> <p>a) Why was Kezia afraid of her father?</p> <p>b) What does the wind do with the books?</p> <p>c) What does the poet like to do when it rains?</p> <p>d) How does Toto come to grandfather's private zoo?</p>	4x2 = 8 Marks	Evaluation
8	<p>Diary Entry:</p> <p>You are Nimrit. You had visited the zoo with your friends in your summer vacations. Write a diary entry sharing your experience.</p>	6 Marks	Communication Skills



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: Hindi

Assignment No. : 3

Allotment Date: 15 June 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	जन्म दिन पर मित्र/सखी द्वारा भेजे गए उपहार के लिए उसका आभार प्रकट करते हुए पत्र लिखिए।	5	Information
2	राधा और सोनम के बीच बढ़ती हुई मंहगाई को लेकर होने वाली चर्चा को लगभग 50–60 शब्दों में संवाद शैली में लिखिए।	6	Communication Skills
3	1– निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए। भास्कर आलय 2–निम्नलिखित शब्दों में अनुस्वार, अनुनासिक तथा नुक्ता चिह्नों का उचित स्थान पर प्रयोग करें— सशय नदिया सलाप जरूर हसमुख तूफान 3–निम्नलिखित शब्दों के विलोम शब्द लिखिए। 1– नियमित 2 निश्चित 4–निम्नलिखित शब्दों में प्रयुक्त प्रत्यय तथा मूल शब्द अलग कीजिए। (क)–पठनीय	2 3 2 3	Interdisciplinary

	(ख)–कड़वाहट (ग)–उच्चतम		
4	रैदास के पदों का केन्द्रीय भाव अपने शब्दों में लिखिए?	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर 80–100 शब्दों में अनुच्छेद लिखिए। (क)–दैनिक जीवन में विज्ञान का महत्व अथवा (ख)–राष्ट्रीय एकता की आवश्यकता	5	Critical Thinking and Problem Solving
6	निम्नलिखित प्रश्नों के उत्तर दीजिए। क. नज़दीक से एवरेस्ट को देखकर लेखिका को कैसा लगा? ख. तेनजिंग ने लेखिका की तारीफ़ में क्या कहा? ग. डॉ.मीनू मेहता ने क्या जानकारियाँ दीं?	9	Evaluation



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: Mathematics

Assignment No. : 3

Allotment Date: 15 June 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Point (-10,0) lies (a) on the negative direction of X-axis (b) in the third quadrant (c) on the negative direction of Y-axis (d) in the fourth quadrant	1	Understanding
2	Sign of abscissa and ordinate of a point in the second quadrant are respectively (a) +,+ (b) -,- (c) -,+ (d) +,-	1	Application
3	The point which lies on Y-axis at a distance of 5 units in the negative direction of Y-axis is (a) (0,5) (b) (5,0) (c) (0,-5) (d) (-5,0)	1	Understanding
4	The point of intersection of the horizontal and vertical lines in the Cartesian plane is called (a) Zero point (b) origin (c) common point (d) null point	1	Critical thinking
5	If (3,1) is a solution of $3x+2y-k=0$, the value of k is (a) 8 (b) -8 (c) 11 (d) 13	1	Problem solving
6	The equation of a line which is parallel to y-axis at a distance of 5 units to Y-axis at a distance of 5 – units to the left of origin: (a) $x = -5$ (b) $x = 5$ (c) $y = 5$ (d) $y = -5$	1	Critical Thinking
7	Point (0,9) lies : (a) on x-axis (b) in II quadrant (c) on the y-axis (d) in the IV quadrant	1	Application

8.	The equation of a line which is parallel to x-axis at a distance of 3 units above x-axis is: (a) $x=3$ (b) $y=3$ (c) $x+y=3$ (d) $x-y=3$	1	Analytical Thinking
9	On plotting the points O(0,0) , A (3,0) B(3,4) C(0,4) which of the following figure is obtained (a) Square (b) Rectangle (c) Trapezium (d) Rhombus	1	Interdisciplinary
10	The distance of the point (-5,12) from y-axis is (a) -5 units (b) -12 units (c) 5 units (d) 12 units	1	Application
11	The point (-7,-5) lies in (a) first quadrant (b) second quadrant (c) third quadrant (d) fourth quadrant	1	Understanding
12.	If the coordinates of a points are P(-2,3) and Q(-3,5) the (abscissa of P) –(abscissa of Q) is: (a) -5 (b) 1 (c) -1 (d) -2	1	Application and Analytical Thinking
13	Plot the point A(5,5) and B(-5,5) in a Cartesian plane. Join AB , OA and OB. Name the figure obtained	2	Application and Analytical Thinking
14	In which quadrant following points lie? (i) (-5,3) (ii) (4,-6)	2	Analytical Thinking
15.	Plot the following points and check whether they are collinear or not: (2,3) , (3,2) (1,-5)	2	Evaluation
16.	Find the perpendicular distance of the point P(4,6) from x-axis	2	Evaluation
17.	Where does a point lie in the Cartesian plane if its ordinate is -3 and abscissa is 2?	2	Analytical thinking
18.	Find the coordinates of a point whose abscissa is - 3 and lies on x-axis.	2	Critical thinking
19.	What are the coordinates of a point that is the mirror image of point (0,4) in x-axis.	2	Critical thinking
20.	A point lies on x-axis at a distance of 9 units from y-axis. What are its coordinates?	2	Interdisciplinary
21.	Write the coordinates of a point : (i) whose ordinate is -5 and which lies on y axis (ii) (ii) which lies on x and y axes both. (iii) (iii) whose abscissa is -3 and which lies on x-axis.	3	Critical thinking and Applications
22.	Plot the point A(2,3) , B(2,1) , C(0,1) and D(0,3) identify the figure obtained .Join the points .Find the area and the perimeter	3	HOTS

23.	Plot the point A(1,-1) and B(4,5) on a Cartesian Plane and draw a line segment joining these point. Now write the coordinates of any one point on this line segment.	3	HOTS
24.	Plot the point P(1,0) , Q(4,0) and S(1,3) . Find the coordinate of the point R such that PQRS is a square.	3	HOTS



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

ACADEMIC SESSION 2021-22

WORKSHEET (SELF -ASSESSMENT)

Subject: Science

Assignment No. : 3

Allotment Date: 15 June 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Which speed is greater: 30 m/s or 30 km/h? Q2. Name the process which occurs when a drop of dettol is added to water. Q3. What do you mean by tissue?	1 1 1	Information
2	Q4. What are the functions of stomata? Q5 Give an example of a body which may appear to be moving for one person and stationary for the other. Q6. Write the characteristics of particles of matter.	3 3 3	Understanding
3	Q7. What is the difference between uniform velocity and non-uniform velocity? Q8. Liquids generally have lower density as compared to solids. But you must have observed that ice floats on water. Find out why?	3 3	HOT
4	Q9. Differentiate between apical meristem, lateral meristem and intercalary meristem. Q10. What is the relationship between the commercial unit and SI unit of energy?	3 3	Interdisciplinary
5	Q11. Why does the temperature of a substance remain constant during its melting point or boiling point? Q12. Differentiate between distance and displacement.	3 3	Analytical Skill
6	Q12. a) A body starts to slide over a horizontal surface with an initial velocity of 0.5 m/s. Due to friction, its velocity decreases at the rate 0.05 m/s^2 . How much time will it take for the body to stop? b) The brakes applied to a car produce an acceleration of	5	Critical Thinking and Problem Solving

	6 ms ⁻² in the opposite direction to the motion. If the car takes 2s to stop after the application of brakes, calculate the distance it travels during this time.		
7	Q13. Draw a well labelled diagram of Parenchyma, Collenchyma and Sclerenchyma. Write one function of each.	5	Evaluation

	<p>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>1</p> <p>1</p> <p>1</p>	
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	(d) In the late 1970s	1	
2	(a) Differentiate between Fixed capital and Working capital. (b) Differentiate between Western ghats and Eastern ghats.	3 3	Understanding
3	(a) “ Every production is organised by combining land, labour, physical capital and human capital.” Explain. (b) How do the diverse physical features of the land contribute to the country’s development?	3 3	HOT
4	(a) What is the relation between resources and development?	3	Interdisciplinary
5	(a) Describe how the Himalayas is playing an important role in maintaining the diversity in different factors like climate, flora,fauna, crops ,occupation, etc. or (b) Modern farming methods require more inputs which are manufactured in industry. Do you agree?	5 5	Analytical Skill
6	Read the given paragraph and answer the following questions. In 1960,Govind was a farmer with 2.25 hectares of	5	Critical Thinking and Problem Solving



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: Computer

Assignment No. : 3

Allotment Date: 15 June 2021

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i) The maximum number of characters in a field is set using this property :</p> <p>(a) Required</p> <p>(b) Input Mask</p> <p>(c) Field Size</p> <p>(d) Default Value</p> <p>(ii) What are the Previous, Next, First and Last record button located?</p> <p>(a) Title Bar</p> <p>(b) Create Tab</p> <p>(c) Navigation Bar</p> <p>(d) Show Table Window</p> <p>(iii) The primary language of computer is :</p> <p>(a) Assembly language</p> <p>(b) High Level language</p> <p>(c) Machine Language</p> <p>(d) None of these</p> <p>(iv) OOP stands for :</p> <p>(a) Oriented Object Programming</p> <p>(b) Object Oriented Programming</p> <p>(c) Object On Programming</p> <p>(d) Object Online Programming</p>	$4 \times \frac{1}{2} = 2$	Information

2	Fill in the blanks- (i) The field properties can be easily set in the _____ View of a table. (ii) A _____ is a name assigned to a column of data in a table.. (iii) Programs made in high level language are hardware independent, hence _____. (iv) _____ is the basic unit of Object Oriented Programming.	$4 \times \frac{1}{2} = 2$	Understanding
3	Short Definition : (i) Assembly Language (ii) Language Processor (iii) DBMS (iv) Attribute	$4 \times \frac{1}{2} = 02$	Critical Thinking
4	Answer the following questions:- (i) Write the steps to delete a field from the Datasheet View in MS-Access. (ii) What is record selector in MS Access? (iii) Write any two difference between compiler and interpreter (iv) Write any two differences between Machine Language and High Level Language.	$4 \times 1 = 4$	HOT