



ARMY PUBLIC SCHOOL GWALIOR



CLASS -IX

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: English

Assignment No. : 1

Allotment Date: 18 April 2021

S. No.	QUESTIONS	MARKS	NATURE
1	<p>Complete the following story using your own ideas.</p> <p>Outline: Rohan was a hard working boy. He wanted to become a doctor. But his family's financial condition was not so good.....</p>	6 Marks	Information
2	<p>Read the following extract and answer the questions given below:</p> <p>" Two roads diverged in a yellow wood, And sorry I could not travel both And be one traveller, long I stood And looked down one as far as I could To where it bent in the undergrowth;</p> <p>Q.1 How many roads were there before the speaker?</p> <p>Q.2 Where did the road diverge?</p> <p>Q.3 Could he travel on both?</p>	4 Marks	Understanding

	Q4 Where did it bend in?		
3	Which road does Robert Frost choose? Why? Is he happy about his decision?	5 Marks	HOT
4	<p>Grammar: Find the adjective in the first sentence and fill the blanks with the adverbs: -</p> <ol style="list-style-type: none"> 1. Our mom was angry. She spoke to us _____. 2. This exercise is simple. You _____ have to put one word in each space. 3. The painter is awful. He paints _____. 	3 Marks	Interdisciplinary
5	<p>Rearrange the following into meaningful sentences.</p> <ol style="list-style-type: none"> a) the/ farmer/ know/ to/ didn't/ do/ cried/ and/ the/ animal/ what b) invited/ he/ all his/ help/ him/ neighbours/ to c) what was/ the donkey/ at first/ realize/ did not/ happening 	3 Marks	Analytical Skill
6	Give a brief character sketch of Bismillah Khan.	5 Marks	Critical Thinking and Problem Solving
7	<p>Answer the following questions:</p> <ol style="list-style-type: none"> a) What harm does the wind do when it blows hard? b) How did the child got lost in 'The Lost Child'? c) Why did Margie hate mechanical 	4×2 = 8 Marks	Evaluation

	teacher? d) How is a shehnai different from a pungi?		
8	You are Rachna/ Rahul, resident of 456, Rajouri Garden, New Delhi. Write a letter to the Editor of a National Daily, drawing the attention of the concerned authorities to the deteriorating law and order situation in the city.	6 Marks	Communication Skills



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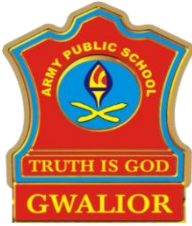
Subject: Hindi

Assignment No. : 1

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS
1	वार्षिक परीक्षा में प्रथम स्थान पर उत्तीर्ण होने पर सहपाठी को बधाई देते हुए पत्र लिखिए।	5
2	मोहन और श्याम के बीच कोरोना वायरस (कोविड-19) को लेकर होने वाली चर्चा को लगभग 50-60 शब्दों में संवाद शैली में लिखिए।	6
3	1- निम्नलिखित शब्दों में प्रयुक्त प्रत्यय तथा मूल शब्द अलग कीजिए। लिखावट झगड़ालू 2-निम्नलिखित शब्दों में अनुस्वार, अनुनासिक तथा नुक्ता चिहनों का उचित स्थान पर प्रयोग करें- हस ससार आख महिलाए घूँघट कचन 3-निम्नलिखित शब्दों के विलोम शब्द लिखिए A 1- सज्जन 2- उचित	2 3 2 3

	<p>4-निम्नलिखित शब्दों में प्रयुक्त उपसर्ग तथा मूल शब्द अलग कीजिए।</p> <p>(क)-अपकार (ख)-आजन्म (ग)-पराजय</p>	
4	लेखक ने बुढ़िया के दुख का अंदाजा कैसे लगाया ?	5
5	<p>निम्नलिखित में से किसी एक विषय पर 80-100 शब्दों में अनुच्छेद लिखिए।</p> <p>(क)-समाचार पत्र का महत्व अथवा (ख)-बढ़ती आबादी घटते वन</p>	5
6	<p>निम्नलिखित प्रश्नों के उत्तर दीजिए।</p> <p>क. लड़के की मृत्यु के दूसरे ही दिन बुढ़िया खरबूजे बेचने क्यों चल पड़ी? ख. बुढ़िया को खरबूजे बेचते देख पास-पड़ोस वालों को परेशानी क्यों थी? ग. रैदास को क्यों प्रतीत होता है कि उनके प्रभु उन पर द्रवित हो गए हैं?</p>	9



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CLASS -IX

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Mathematics

Assignment No. : 1

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	The additive inverse of $\frac{2}{7}$ is (a) $-\frac{2}{7}$ (b) $-\frac{7}{2}$ (c) $-\frac{7}{9}$ (d) $\frac{7}{2}$	1	understanding
2	$0.\bar{7} =$ _____ (a) $\frac{9}{7}$ (b) $\frac{7}{9}$ (c) $-\frac{7}{90}$ (d) $\frac{7}{990}$	1	application
3	The product of $\sqrt{3}$ and $\sqrt{5}$ (a) $3\sqrt{5}$ (b) $3\sqrt{3}$ (c) $\sqrt{15}$ (d) $\sqrt{8}$	1	understanding
4	Rational and irrational numbers taken together are known as _____ (a) Natural numbers (b) Whole numbers (c) Rational Numbers (d) Real Numbers	1	Interdisciplinary
5	π is (a) a rational number (b) an irrational number (c) not a real number (d) terminating decimal	1	Analytical Skill
6	$\frac{2\sqrt{3} + \sqrt{27}}{5\sqrt{3}}$ (a) $\frac{3\sqrt{3}}{5}$ (b) $\frac{3\sqrt{27}}{5}$ (c)) (d) None of these	1	Critical Thinking and Problem Solving
7	The remainder obtained when the polynomial $p(x)$ is divided by $(b-ax)$ is (a) $p(-b/a)$ (b) $p(a/b)$ (c) $p(b/a)$ (d) $p(-a/b)$	1	application
8.	$\sqrt{2}$ is a polynomial of degree (a) one (b) two (c) three (d) more than three	1	Analytical Thinking
9	The degree of the polynomial $3x^3 - x^4 + 5x + 3$ is (a) 1 (b) 2 (c) 3 (d) 4	1	Understanding

10	$5x^3 + 5x + 2x^2 + 2 =$ (a) $(5x+2)(x^2+1)$ (b) $(5x+1)(x^2+2)$ (c) $(5x+2)(x^2+1)$ (d) none of these	1	Interdisciplinary
11	Zero of the polynomial $p(x) = (x+d)$ is _____. (a) d (b) 0 (c) -d (d) none of these	1	Interdisciplinary
12.	If $x-2$ is a factor of $x^3 - 2ax^2 + ax - 1$ then the value of a is (a) $-7/6$ (b) $7/6$ (c) $6/7$ (d) $-6/7$	1	Application
13	Represent $\sqrt{3}$ on a number line.	2	Evaluation
14	Insert two irrational number between the following $\sqrt{2}$ and $\sqrt{3}$	2	Analytical Thinking
15.	Express 0.8 and $0.\overline{7} + 0.4\overline{3}$ in the form of p/q , where p and q are integers and $q \neq 0$	2	Evaluation
16.	Rationalise the denominator: $\frac{1}{\sqrt{3}-\sqrt{2}}$	2	Evaluation
17.	Find the remainder when $x^3 + 3x^2 + 3x + 1$ is divided by $x - 1/2$	2	Analytical thinking
18.	If $x+1$ is a factor of $ax^3 + x^2 - 2x + 4a - 9$ find the value of a	2	Problem solving
19.	Write in expanded form $(2x+1)^3$	2	Evaluation
20.	Prove that : $1/(1+x^{a-b}) + 1/(1+x^{b-a})$	2	Interdisciplinary
21.	If $a+b+c=14$, $a^2+b^2+c^2=74$ and $a^3+b^3+c^3=434$, find the value of abc	3	Critical thinking
22.	Represent $\sqrt{9.3}$ on a number line..	3	HOTS
23.	Simplify: $(25/9)^{-3/2} \times (64/125)^{1/3} \times (25/3)^{-1}$	3	HOTS

24.	If $(x+1/x) = 9$, then find the value of $(x^3 + 1/x^3)$	3	HOTS
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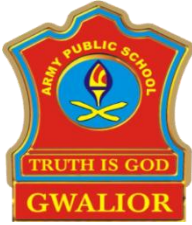
Subject: Science

Assignment No. : 1

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Define velocity. Give its S.I unit.	1	Information
	Q2. Define melting point.	1	
	Q3. What is plasma membrane made up of ?	1	
2	Q4. What is the difference in chromatin, chromosomes and gene?	3	Understanding
	Q5. Differentiate between distance and displacement. (any three points)	3	
	Q6. Cotton is solid but it floats on water. Why?	3	
3	Q7. Define scalar quantity and vector quantity. Give two examples of each.	3	HOT
	Q8. What are the characteristics properties of the particles of matter.	3	
4	Q9. Name the organelle which provides turgidity and rigidity to the plant cell. Name any two substances which are present in it. How they are useful.	3	Interdisciplinary
	Q10. An object travels 16m in 4s and another 16m in 2s. What is the average speed of the object?	3	
5	Q11. Explain why solids have fixed shape but liquids and gases do not have fixed shapes.	3	Analytical Skill
	Q12. A rubber band is a solid, but it can change its shape. why?	3	

6	Q12. (a) When will you say a body is in (i) uniform acceleration? (ii) non-uniform acceleration? (b) Under what condition is the magnitude of average velocity equal to average speed?	5	Critical Thinking and Problem Solving
7	Q13. Draw a neat and well labelled diagram to show how amoeba obtain its food. Also explain the process.	5	Evaluation



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CLASS -IX

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Social Science

Assignment No. : 1

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE	
1	(i) Who introduced 'Reign of Terror' in France?	1	Information	
	(a) King Louis XVI			(b) Napoleon
	(c) Robespierre			(d) Mirabeau
	(ii) What is called as an old Regime?			1
	(a) France after 1774	(b) France		
	before 1774	1		
	(c) Time period of Louis XVI	(d) Reign of		
	Terror			
	(iii) Taille was the tax levied by-			
	(a) State	(b) Church		1
(c) King	(d) National	1		
Assembly				
(iv) What did the French Revolution of 1789 stand for--				

	<p>(a) Liberty</p> <p>(c) Fraternity</p> <p>(v) What is the time lag between Gujarat and Arunachal Pradesh?</p> <p>(a) 4 hours</p> <p>(c) 2 hours</p> <p>(vi) What is the total area under Indian land mass?</p> <p>(a) 3.28 million sq. km</p> <p>(c) 2.4 million sq. km</p> <p>Km</p> <p>(vii) Which narrow channel separates India and Sri Lanka?</p> <p>(a) Palk strait</p> <p>(b) Indira Point</p> <p>(viii) What is the total boundary of India?</p> <p>(a) 15,200 km</p> <p>(c) 29,500 km</p> <p>(ix) Which of the following is not an argument against democracy?</p> <p>(a) Instability</p> <p>(d) Delays</p> <p>(x) Name the political party of Zimbabwe-</p> <p>(a) Congress</p> <p>(b) Revolutionary Party</p>	<p>(b) Equality</p> <p>(d) All of these</p> <p>(b) 3 hours</p> <p>(d) 5 hours</p> <p>(b) 5 million sq. km</p> <p>(d) 5.6 million sq. km</p> <p>(b) Maldives</p> <p>(d) Bangladesh</p> <p>(b) 17,800 km</p> <p>(d) 70,000 km</p> <p>(b) No morality</p> <p>(d) Accountable</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
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	(c) ZANU-PF (d) Communist Party		
2	(a) Why has 82°30' E has been selected as the Standard Meridian of India? or (b) What are the drawbacks of Democracy ?	3	Understanding
3	(a) What were the salient features of Robespierre's government ? (b) What does the principle of 'one person, one vote, one value' mean?	3 3	HOT
4	(a) What distinguishes democracy from other forms of governments?	3	Interdisciplinary
5	(a) What were the conditions of women in France before the revolution? Describe briefly. or (b) India occupies an important strategic position in South Asia. Discuss.	5	Analytical Skill
6	Here is a passage given, read it properly and answer the following questions. # The country is ruled by a hereditary king and the people have no role in electing or changing their rulers. # The king selects the legislature as well as the executive. He appoints the judges and can change any of their decisions. # Citizens cannot form political parties or any political	5	Critical Thinking and Problem Solving

	<p>organisations. Media cannot report anything that the monarch does not like.</p> <p># There is no freedom of religion. Every citizen is required to be Muslim. Non-Muslim residents can follow their religion in private, but not in public.</p> <p># Women are subjected to many public restrictions. The testimony of one man considered equal to that of two women.</p> <p>(a) About what kind of government system is discussed here ?</p> <p>(b) How you can say that secularism is not followed here ?</p> <p>(c) Do you think the given process of electing a government is suitable for making of a good society? If no.Why?</p>		
7	<p>(a) "India's land routes have been important since ancient times." Explain.</p> <p style="text-align: center;">or</p> <p>(b) How can you hold Louis XVI responsible for preparing the background of the French Revolution?</p>	5	Evaluation
8	<p>On an outline map of India , label the following.</p> <p>(a) Palk Strait</p> <p>(b) Andaman and Nicobar Islands</p> <p>(c) Tropic of Cancer</p>	3	Map skill



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CLASS -IX

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Computer Science

Assignment No. : 1

Allotment Date: 18 April 2021

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i) What are the components of a language according to certain rules defined by the language called :</p> <p>(a) Symbols (b) Syntax (c) Instructions (d) Words</p> <p>(ii) The primary language of computer is :</p> <p>(a) Assembly language (b) High Level language (c) Machine Language (d) None of these</p> <p>(iii) In OOP, providing the essential information to the outside world and hiding their background details is called:</p> <p>(a) Inheritance (b) Data Abstraction (c) Object</p>	0.5x5=2.5	Information

	<p>(d) Encapsulation.</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> <p>(v) Programs made in machine language are :</p> <p>(a) Machine dependent</p> <p>(b) Machined independent.</p> <p>(c) Graphical User Interface.</p> <p>(d) None of these.</p>		
2	<p>Write short notes on following-</p> <p>(i) Mnemonics</p> <p>(ii) Data validation</p> <p>(iii) OOPs</p> <p>(iv) Class and Object</p> <p>(v) Data abstraction</p>	5 x 2=10	Analytical Skill
3	<p>Fill in the blanks-</p> <p>(i) Programs made in high level language are hardware independent, hence _____.</p> <p>(ii) In OOP, the packaging of data values and function within a single unit class is referred to as _____.</p> <p>(iii) A _____ or an _____ converts the high level language program into the machine language.</p> <p>(iv) In _____ languages, you can write instructions in English like statements.</p> <p>(v) _____ is the basic unit of Object Oriented Programming.</p>	5 x 1=5	Understanding
4	<p>Write True or False against the statements:-</p> <p>(i) A compiler is faster that interpreter. ()</p>	5x1=5	Interdisciplinary

	<p>(ii) 1 and 2 are also called machine language. ()</p> <p>(iii) The machine language is the primary language of computer. ()</p> <p>(iv) The interpreter translates a high-level language program in one go. ().</p> <p>(v) OOP stands for Oriented Object Programming. ()</p>		
5	<p>Answer the following questions -</p> <p>(i) What is Inheritance?</p> <p>(ii) What is the difference between Compiler and Interpreter?</p> <p>(iii) What is High Level Language?</p> <p>(iv) Write about the machine language.</p> <p>(v) Write the use of Java language.</p>	3x5= 15	HOT
6	<p>Write a program in any high level language to print first ten natural numbers.</p>	1x2.5=2.5	Critical Thinking and Problem Solving



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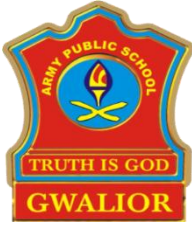
Subject: Health and Physical Education

Assignment No. : 1

Allotment Date: 18 April 2021

S.N	QUESTIONS	MARKS
1	<p>Multiple Choice Questions</p> <ol style="list-style-type: none">Of the following which disease causes most death worldwide? A Cardiovascular disease B HIV/Aids C Malaria D TuberculosisThe following is a good way to prevent non communicable disease: A eating more salt B eating more sugar C eating more vegetables & fruits D None of theseDisease that spread from one person to another are called A communicable diseases B degenerative diseases C non communicable disease D None of theseNight blindness is caused due to deficiency of.....	4×1=4

	<p>A vitamin A B vitamin B C vitamin c D vitamin E</p>			
2.	<p>Fill in the blanks:-</p> <p>1. Viruses arePathogens. (tiny/rapid)</p> <p>2. Physical inactivity intervention is a global action plan for prevention and control of (NCDs/Hiv)</p> <p>3. Some symptoms are a direct result of the the damaging the body's cell (Pathogen/infectious)</p>		3x1=3	
3	<p>True and False</p> <p>1. A person can catch a rhinovirus by inhaling contaminated droplets from the cough.</p> <p>2. Bacteria are microscopic single called organisms.</p> <p>3. Fungi are type of cells that includes yeast ,molds and mushrooms.</p>		3x1=3	



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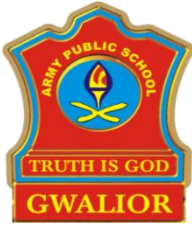
SELF ASSESSMENT

Subject: Work Education

Assignment No. : 1

Allotment Date: 18 April 2021

S. No	Questions	Marks
1	What is the importance of arts and crafts?	2
2	What are the different types of arts and crafts?	2
3	Why art and craft is important in education?	2
4	What are the benefits of making arts and crafts to self?	2
5	How do you explain craft?	2



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CLASS -IX

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Music

Assignment No. : 1

Allotment Date: 18 April 2021

S. No	MULTIPLE CHOICE QUESTION :-	Marks
1	Which of the following is the type of classical dance form? a) Kaalbeliya b) Kathak c) Contemporary	2
2	Who is the writer of story " Sound of the music " ? a) MORPURGO b) JOHN GOWER c) DEBORAH COWLEY	2
3	" Satkriya " is the type of which dance form ? a) Classical b). Folk c). Western	2
4	Which of the following shastra is written by Arya Bhartmuni? a). Samaj Shastra b) Natya Shastra. c). Darshan shastra	2
5	The girl in this story is _____ a). Deaf b). Blind c) Dumb	2