Subject: English   **Assignment No. : 1**

S. NO.	QUESTIONS	MARKS	NATURE
1	A new revised volume of Isaac Asimov's short stories has just been released. Order one set. Write a letter to the publisher, Mindframe Private Limited, 1632 Asaf Ali Road, New Delhi, requesting that a set be sent to you by Value Payable Post (VPP),and giving your address. Your letter will have the following parts. . Addresses of the senders and receiver . The salutation . The body of the letter . The closing phrases and signature OR Write a letter to the bank manager of your bank, requesting him to issue a new cheque book since your old cheque book has been used.	6	Information
2	**Read the extract carefully and answer the following questions:** They turned the pages, which were yellow and crinkly, and it was awfully funny to read words that stood still instead of moving the way they were supposed to — on a screen, you know. And then when they turned back to the page before, it had the same words on it that it had had when they read it the first time. **Questions:** 1. Who are 'they' referred' to here as? 2. Why were they surprised? 3. What kind of books they were studying in their schools? 4. What kind of pages the book had?	4	Understanding
3	**Answer the following questions in about 30-40 words each: (any one)** **[4X2=8]** **(any one)** **(1)What made Margie think that the old school system was real fun?** **(2) What did the County Inspector find out about Margie's mechanical teacher?** **(3) Who helped Evelyn to continue with music?**	4	HOT

	(4) Why did Aurangzeb ban the playing of the pungi?			

4	**Tick the right answer:**
	      (i) When something is *revived*, it (remain dead/lives again).
	      (ii) When a government *bans* something, it wants it (stopped/started).
	      (iii) When something is considered **auspicious**, (welcome it/avoid it)
	      (iv) When we *take to* something, we find it (boring/interesting)
		4	Interdisciplinary

(i)The following paragraph has not been edited. There is one error in each line. Identify the error and write down its correction.

	Error	Correction
The newspaper carried a great deal	carried	carries
of news and information on its	....	....
pages. It is the important	....	....
publication that helped people know	....	....
which is happening around them.	....	....

5 — **2** — Analytical Skill

(ii) Rearrange (any four) of the following groups of words/phrases to make meaningful sentences.

Rearrange the following words to form meaningful sentences. (any four)
    (a) Vindhya hills/ located/in/ Madhya Pradesh / the bandhavagarh national park/ the /is /of
    (b) Tigers/natural/it/ home/is/for/a/protected
    (c) Also/other/found/animals/here/are
    (d) Rare birds/also/some/can/be
    (e) Great/wildlife lovers/place/is /for/it/a

6	In your colony you have noticed many small children being employed as domestic help. They are made to do different household work, thus depriving them of their right to education and carefree childhood. You are shushant . write an article on the topic 'Child Labour: A shame for Society' to be published in your school magazine. OR Write a paragraph on Covid 19.	**6**	Critical Thinking and Problem Solving
7	Answer the following questions briefly. Would you enjoyed the mode of teaching given in the story ? OR How does Evelyn hear music?	**6**	Evaluation
8	**Taking help from the box given in below write a story in about 150-200 words. You can invent your own details.** **Covid 19..........corona virus..........Wuhan...69 ,756 death ....China.......Japan......India.....quarantine.......isolation......sanitizer** It was first time in my life when there was lockdown...............…	**6**	Communication Skills

Subject: Hindi   **Assignment No. : 1**

S. NO.	QUESTIONS	MARKS	NATURE
1	आपका छोटा भाई छात्रावास में रहने गया है, वहाँ उसका मन नहीं लग रहा है, वह वापस आना चाहता है, जीवन में त्याग का महत्व बताते हुए व उसका मार्गदर्षन करते हुए पत्र लिखिए।	5	Information
2	रमेश और मोहन के बीच आगामी परीक्षा को लेकर होने वाली बातचीत को लगभग 50–60 षब्दों में संवाद शैली में लिखिए।	6	Communication Skills
3	1–निम्नलिखित शब्दों का वाक्यों में प्रयोग कीजिए। धीरे–धीरे बातों–बातों में 2–निम्नलिखित गद्यांष में उचित स्थान पर विराम चिह्नों का प्रयोग करें– आना जाना तो लगा ही रहता है आया है सो जाएगा राजा रंक फकीर प्र.3 निम्नलिखित शब्दों का समास–विग्रह करके समास के नाम लिखिए। 1– श्वेताम्बर 2– यथासम्भव प्र.4 निम्नलिखित शब्दों में प्रयुक्त प्रत्यय तथा मूल शब्द अलग कीजिए। (क)–उपयोगी (ख)–भारतीय (ग)–आनंदित	2 3 2 3	Interdisciplinary
4	गिल्लू एक संवेदनषील प्राणी है। सिद्ध कीजिए।	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर 80–100 शब्दों में अनुच्छेद	5	Critical Thinking

	लिखिए।			and Problem
	(क)–पर उपदेष कुषल बहुतेरे			
	अथवा			Solving
	(ख)–नक्सलबाद एक समस्या			
6	निम्नलिखित प्रश्नों के उत्तर दीजिए।	9		Evaluation
	क. मनुष्य के जीवन में पोषाक का क्या महत्व है?			
	ख. बुढ़िया को खरबूजे बेचते देख पास–पढ़ोस वालों को परेषानी क्यों थी?			
	ग. हिमपात किस तरह हो रहा था और उससे क्या–क्या परिवर्तन आते हैं?			
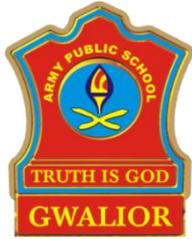
Subject: Mathematics   **Assignment No. : 1**

S. NO.	QUESTIONS	MARKS	NATURE
1	The additive inverse of 2/7 is (a) -2/7 (b) -2/-7 (c)-7/2 (d) 7/2	1	understanding
2	$0.\overline{7}=$_____ (a) 9/7 (b) 7/9 (c) -7/90 (d) 7/990	1	application
3	The product of $\sqrt{3}$ an $\sqrt{5}$ (a) $3\sqrt{5}$(b) $3\sqrt{5}$ (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	$2\sqrt{3}+\sqrt{27}$ (a)) $3\sqrt{3}$ (b)) $3\sqrt{27}$ (c)) $5\sqrt{3}$ (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: $(25/9)^{-3/2}$ x $(64/125)^{1/3}$ x$(25/3)^{-1}$	3	HOTS
24.	If (x+1/x) =9, then find he value of $(x^3 +1/x^3)$	3	HOTS

ARMY PUBLIC SCHOOL GWALIOR

CLASS IX

SESSION 2020-21

WORKSHEET (APRIL 2020)

Subject: Science   **Assignment No. : 1**

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Define the term speed Q2. Define melting point. Q3. What is diffusion?	1 1 1	Information
2	Q4. What is the function of nucleus in a cell? Q5. Differentiate between speed and velocity. Q6. Cotton is solid but it floats on water. Why?	3 3 3	Understanding
3	Q7. A car accelerates from 6m/s to 16 m/s in 10 sec. Calculate the acceleration and the distance covered in that time. Q8. What are the characteristics properties of the particles of matter.	3 3	HOT
4	Q9. Which organelle is known as the power house of the cell? why? Q10. Draw Distance-time graph motion for uniform and non-uniform motion.	3 3	Interdisciplinary
5	Q11. Explain why solids have fixed shape but liquids and gases do not have fixed shapes. Q12. A rubber band is a solid, but it can change its shape. why?	3 3	Analytical Skill
6	Q12. A stone is thrown in a vertically upward direction with a velocity of 5m/s, If the acceleration of the stone during its motion is $10 m/s^2$ in the downward direction, what will be the height attained by the stone and how much time will it take to reach there?	5	Critical Thinking and Problem Solving
7	Q13. Draw a neat and well labelled diagram of : (a) Plant cell (b) Animal cell	5	Evaluation

Subject: Social Science   **Assignment No. : 1**

S. NO.	QUESTIONS	MARKS	NATURE
1	(i) Who introduced 'Reign of Terror' in France? (a) King Louis XVI (b) Nepoleon (c) Robespierre (d) Mirabeau	1	Information
	(ii)What is called as an old Regime? (a) France after 1774(b)France before 1774 (c) Time period of Louis XVI(d)Reign of Terror	1	
	(iii) Taillewas the tax levied by- (a) State(b)Church (c) King(d) National Assembly	1	
	(iv) What did the French Revolution of 1789 stand for-- (a) Liberty (b)Equality (c) Fraternity(d)All of these	1	
	(v) What is the time lag between Gujarat and Arunachal Pradesh? (a)4 hours(b)3hours (c)2hours(d) 5 hours	1	
	(vi) What is total area under Indian land mass? (a) 3.28 million sq. km (b)5 million sq. km (c)2.4 million sq. km(d)5.6 million sq. Km	1	

2	(vii) Which narrow channel separate India and Sri Lanka? (a) Palk strait(b)Maldives (b) Indira Point(d)Bangladesh	**1**	
	(viii) What is the total boundary of India? (a) 15,200 km(b)17,800 km (c) 29,500 km(d) 70,000 km	**1**	
	(ix)Which of the following is not an argument against democracy? (a) Istability(b) No morality (d) Delays(d) Accountable	**1**	
	(x) Name the political party of Zimbawe- (a) Congress (b)Revolutionary Party (c) ZANU-PF (d) Communist Party	**1**	
2	(a) Why has 82*30' E been selected as the StandardMeridian of India? or	**3**	Understanding

	(b) What are the drawbacks ofDemocracy ?		
3			HOT
	(a) What were the salient features of Robespierre's government ?	**3**	
	(b) What does the principle of 'one person, one vote, one value' mean?	**3**	
4	(a) What distinguishes democracy from other forms of governments?	**3**	Interdisciplinary
5	(a) What was 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 passagegiven,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 organisations. Media cannot report anything that the monarch does not like. #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. # Women are subjected to many public restrictions. The testimony of one	**5**	Critical Thinking and Problem Solving

	man considered equal to that of two women. (a) About what kind of government system is discussed here ? (b) How you can say that secularism is not following here ? (c) Do you think the given process of electing of government is suitable for making of a good society? If no. Why?			
7	(a) "India's land routes have been important since ancient times." Explain. or (b) How can you hold Louis XVI responsible for preparing the background of the French Revolution?	**5**	Evaluation	
8	On an outline map of India , label the following. (a) Palk Strait (b) Andaman and Nicobar Islands (c) Tropic of Cancer	**3**	Map skill	

ARMY PUBLIC SCHOOL GWALIOR

CLASS IX

SESSION 2020-21

WORKSHEET (APRIL 2020)

Subject: Computer Science   **Assignment No. : 1**

S.NO.	QUESTIONS	MARKS	NATURE
1	Choose and write the correct option (MCQ):- (i) What are the components of a language according to certain rules defined by the language called : (a) Symbols (b) Syntax (c) Instructions (d) Words (ii) The primary language of computer is : (a) Assembly language (b) High Level language (c) Machine Language (d) None of these (iii) In OOP, providing the essential information to the outside world and hiding their background details is called: (a) Inheritance (b) Data Abstraction (c) Object (d) Encapsulation. (iv) OOP stands for : (a) Oriented Object Programming (b) Object Oriented Programming (c) Object On Programming (d) Object Online Programming (v) Programs made in machine language are : (a) Machine dependent (b) Machined independent. (c) Graphical User Interface.	0.5x5=2.5	Information

	(d) None of these.		
2	Write short notes on following- (i) Mnemonics (ii) Data validation (iii) OOPs (iv) Class and Object (v) Data abstraction	5 x 2=10	Analytical Skill
3	Fill in the blanks- (i) Programs made in high level language are hardware independent, hence _____. (ii) In OOP, the packaging of data values and function within a single unit class is referred to as _____. (iii) A _____ or an _____ converts the high level language program into the machine language. (iv) In _____ languages, you can write instructions in English like statements. (v) _____ is the basic unit of Object Oriented Programming.	5 x 1=5	Understanding
4	Write True or False against the statements:- (i) A compiler is faster that interpreter. ( ) (ii) 1 and 2 are also called machine language. ( ) (iii) The machine language is the primary language of computer. ( ) (iv) The interpreter translates a high-level language program in one go. ( ). (v) OOP stands for Oriented Object Programming. ( )	5x1=5	Interdisciplinary
5	Answer the following questions - (i) What is Inheritance? (ii) What is the difference between Compiler and Interpreter? (iii) What is High Level Language? (iv) Write about the machine language. **(v)** Write the use of Java language.	3 x5= 15	HOT
6	Write a program in any high level language to print first ten natural numbers..	1x2.5=2.5	Critical Thinking and Problem Solving