

Section- A (Reading)

Q-1 (i) Read the passage carefully and then answer the questions. The Amazing Ants

Ants are fascinating creatures that live in colonies and work together to achieve common goals. They are known for their hard work, organization, and resilience. Let's learn more about these amazing insects.

Ants live in colonies that can range in size from just a few individuals to millions of ants. Each colony has a queen ant, whose main job is to lay eggs, and worker ants, who perform various tasks such as foraging for food, caring for the young, and defending the colony. One of the most remarkable things about ants is their ability to communicate with each other. They use pheromones, which are chemical signals, to send messages to other ants in the

colony. For example, when a worker ant finds food, it will leave a trail of pheromones behind it so that other ants can follow the scent and locate the food source.

Ants are also incredibly strong for their size. They can carry objects that are many times their own body weight, making them efficient at transporting food and building nests. Some ants even have specialized roles, such as soldier ants, which defend the colony from predators, and worker ants, which gather food and take care of the young.

Despite their small size, ants play a crucial role in the ecosystem. They help to aerate the soil, control pests, and even disperse seeds. Without ants, many ecosystems would not function properly.

In conclusion, ants are truly amazing insects that demonstrate the power of teamwork, communication, and resilience. By working together, ants are able to accomplish great things and thrive in a wide range of environments.

Ouestions:

- 1. What are some characteristics of ants?
- 2. What is the role of the queen ant in a colony?
- 3. How do ants communicate with each other?
- 4. Why are ants important in the ecosystem?
- 5. Describe the tasks performed by worker ants.

Section-B (Writing & Grammar)

Q-2 You are Mansi, mother of Asmi. You received a call from the tuition teacher Ria to whom she goes to that there would be no class today. Asmi is sleeping right now, but you need to go to get milk urgently. Write a message in no more than 50 words.

Q-3 Make a list of at least 5 places(hill station) that you would like to visit and write a paragraph on one of them on A4 size sheet.

Q-4Make a project on the topic- Nouns. Explain different ypes of nouns like common noun, proper nouns, abstract nouns, collective nouns, countable and uncountable nouns.

Instructions:-

- 1. Use coloured sheets for making project file.
- 2. Use coloured pens, pictures to describe each noun.
- 3. Show your creativity and make the file presentable.
- 4. Also write your name, class, roll no. on first page and cover page should also be creative of project file.



1. ज़र्रा कब सेहरा बन जाता है?		
 महिपाल सिंह द्वारा छापे गए सा सत्यपाल के चरित्र की किन्ही चा 	ाप्ताहिक अखबार में क्या-क्या छपता था? र विशेषताओं का उल्लेख करें	
4. हम सबको जीवन में आई कठिन	परिस्थितियों में भी सदा सच बोलने का प्राण क्यों लेना चाहिए?	
o. राङ् कस भवत बन सकता हे?		
प्रश्न 2. मेहनत करने और न करने	के प्रभावों को टी-चार्ट के माध्यम से दर्शाइए-	
मेहनत करने के लाभ	मेहनत न करने की हानिधी	
प्रश्न 3. निम्नलिखित गीत की पंकि	तयों को पूरा करे -	
मेहनत अपनेकी रेख	वाकल की खातिर	
की, आजखाति- फौलाटी हैं अपने, फौ	र करना। निगटी है	
अरन 4. नाच दिए गए राब्दा के अथ 1. प्रण -	तिख आर राब्दा स हा वाक्य बनाए - 2. निर्धन -	
3. वितरण - 5. साप्ताहिक -	4. सटीक- 6. फौलादी-	
	भोगाम मारार (पाठ- 1 2 3 4)	
	कार्य पत्रिका	
प्रश्न 1. सजा शब्दों को छाट कर उन 1. आम में मिठास है।	क मद का नाम लिखए -	
2. बुढापा किसी को अच्छा नहीं लग 3. गांधीजी सारा जीवन विचाने थे।	ता ।	
4. चिडिया पिंजरे में कैद है।		
5. सोहन पेड़ की छाया में सो गया।		
प्रश्न 2. निम्नलिखित वाक्यों में नि	र्देशानुसार सर्वनाम भरिए- - है। (संबंध वाचक)	
2 आपने कुछ ख	गया है? (प्रश्नवाचक)	
3. लगता हैव	नान में किसी ने कुछ कहा है। (पुरुषवाचक)	
	हिन्दी	
प्रश्न 1. नीचे दिए गए प्रश्न के उत्तर 3	0-40 शब्दों में लिखिए।	
1. ज़र्रा कब सेहरा बन जाता है?		
2. महपाल सिंह द्वारा छाप गए साप 3. सत्यपाल के चरित्र की किन्ही चार 4 हम मलको चीरत में आई कठिन प	ताहिक अखबार में क्या-क्या छपता था? विशेषताओं का उल्लेख करें विशिषतीयों भें भी मटा मन बोचने का प्राण क्यों जेना चालिग?	
5. राई कैसे पर्वत बन सकती है?		
प्रश्न 2. मेहनत करने और न करने के	प्रभावों को टी-चार्ट के माध्यम से दर्शाइए-	
मेहनत करने के लाभ	मेहनत न करने की हानिधी	
प्रेशन 3. निम्नालखित गीत का पाक्त	या का पूरा कर -	
की, आज	करना। गदी है	
प्रश्न 4. नीचे दिए गए शब्दों के अर्थ नि	लेखे और शब्दों से ही वाक्य बनाए -	
1. प्रण - 2 3. वितरण - 4	. निर्धन - . सटीक-	
 साप्ताहिक - 6 	. फौलादी-	
	अञ्च्यास सागर (पाठ- 1,2.3, 4) कार्य पत्रिका	
अरल 1. सजा शब्दा का छाट कर उनवे 1. आम में मिठास है। 2. जगा। किरी को अल्लान की	त अद्भाव साम तिस्ति छ - र ।	
 - चुदापा (कसा का अच्छा नहां लगत) 3. गांधीजी सादा जीवन बिताते थे। 4. विविया पिंचरे में कैंट के। 		
 सोहन पेड़ की छाया में सो गया। 		
प्रश्न 2. निम्नलिखित वाक्यों में निर्देश 1	शानुसार सर्वनाम भरिए- है। (संबंध वायक)	
2	या है? (प्रश्नवाचक) न में किसी ने कुछ कहा है। (पुरुषवाचक)	
	a	





Chapter–1	
Natural Numbers and Whole Numbers	
1.Which of the following is not a natural number?	
$(1 \times 0 \times 1) = (1 \times 1$	
$2)4^{0}$ $0)5^{+}5^{-}2$ $0)6^{+}6$ $0)0^{-}5^{+}1$	
2. The estimated value of 37+71-55 is–	
a)40 b)50 c)70 d)150	
3 The greatest 2 digit number exactly divisible by 17is_	
a)68 b)91 c)85 d) 97	
4. What is the smallest whole number?	
a)1 b)2 c)0 d)3	
5.Which whole number has no predecessor?	
$\sum_{n=1}^{\infty} (n-1)^n = (n-1)^n$	
$\overset{\text{a}}{\bigvee}$	
6.Write the successor of following numbers.	
a)19999 b)20009 c)33801 d)10009	
7 Write the predecessor of following numbers	
a)6698979 b)100000 c)33801	
d)80115670	
8.Form the greatest 7 digit number using digits 0.8, 9(digits may repeat)	
9.Find product by using distributive property.	
<u> </u>	

a)237×109 b)999×399 c)1009×1385 d)98×535
10. Arrange the following in Ascending order.
XXVI, XXIX, LV, XCI, D, LXXVII
11.Estimate the given products.
a)63×48 b)911×609 c)12×680
d)787×1387
12.Form the greatest 6-digit number using the digits of prime numbers
13.Complete the series
a)1, 8, 27, 64, 125, 216,,
b)1,1, 2, 3, 5, 8, 13, 21, 34,,
c)1, 4, 9, 16, 25, 36, 49,,
d)1, 2, 4, 8, 16, 32, 64,,
14. Simplify the following numerical expressions
a) $28 \div 7 + \{8 \times 5 - (25 \div 5)\}$
b)6 - [6 - {6 - (6 - 6) - 6} - 6]
c) $32 - [18 - {34 - (90 - 64)}]$
d)3- (5 - 6 ÷ 3)
15.Divide and check your answer.

	a)50505 ÷ 36	
	b)2781 ÷ 35	
	(10009 + 20)	
	C)10008 ÷ 36	
	d)7335 ÷ 122	
16. Write the age	e of your family members in Roman Nu	imerals with
	matchsticks.	
		Ŏ
	Chapter -2	
	Factors and Multiples	Q
1.Which of th	e following is a factor of every natural	number?
		Q
	a)1 b)0 c)-1 d)any number	
2. Two prime n	umbers whose difference is 2 are calle	d
a) Co-prime	b) twin prime c) even numb	er d) none of
	these	Q
3.A number is div	isible by 6 if it is divisible by	factors of six.
a) Prime	b) co-prime c) composi	te d) even
1 .	omnosito numbor hos footors	
4.A (iomposite number has factors	·
a) One	b) two c) more than two d	l) none of these
5.A number is	divisible by 5 if the digit at ones place	is
a) 1 or 3	b) 0 or 5 c) 1 or 2	d) 4 or 8

	6.Find prime factorization of following numbers.
	a)2304 b)5400 c)1260 d)3807
	7.Find HCF of following numbers by continued division method.
	a)144, 180, 192
	b)70, 105, 175
	d)287, 533
	8.Find the LCM by common division method.
	a)48, 72, 89 b)12, 15, 21
	c)28, 44, 132 d)12, 16, 24, 36
	0 Find the lowest number which leaves 3 as remainder when divided by 8
	12. and 16.
	10.Two wires are 12cm and 16cm long. The wires are to be cut into pieces
	of equal length. Find maximum length of each piece.
	11.Make a activity of factor tree Method on Chart.
Ö	
	12. The HCF of two numbers is 16 and product of numbers is 3072.Find
	their LCM.
	13. Check the numbers 4207819, 9020814, 1579247, 786764 are divisible by
	11 or not.
	\$

Activity Based Work

1-When was Mars Orbiter Mission(MOM) launched by India?What are its achievements and why it is so important for us?

2-Get up early in the morning. Go to a nearby open space and locate the directions during sunrise. Get the pictures clicked and paste in your notebook.

3-Take any five different coins of free India.Study them Carefully.List the information that you can get from them like the metal used,dates,languages,pictures, denomination or any other information.

4-Browse through the internet or carefully study the paintings given below and notice the similarities between the art of the early man and the tribal art today.



Rock paintings of Mesolithic period at Bhimbetka



Tribal art: Worli Tribe, Maharashtra

5- List ten ways in which your family helps you. In return, what can you do for your family?

<u>Worksheet</u>

Ques 1- What is 'Saptarishi Mandal'?

Ques2-Write a short note on celestial bodies and paste pictures

A) Satellite C) Meteorites

B)Sun. D) Stars

Ques3-Draw the diagram and name the cardinal points along with intermediate directions. **Ques4-**Describe the history of map-making.

Ques5-How does the study of the monuments help the historians?

Ques6-Distinguish between archaeological and literary Sources.

Project work

A)Make a 3D model of modern Village

OR

Make a 3D model of Globe

B)Make an Atlas(Collection of maps)

i)**Political Map-***Name all the states and capital

*Name all neighbouring countries

ii)**Physical Map-***Point out and name the mountains,plains,plateau ,hills and colour then accordingly.



During a science activity, students were shown pictures of various animals and plants living in different regions — camels in deserts, pine trees in mountains, frogs in ponds, and cactus plants. Their teacher asked how these living beings survive in such different conditions.

Answer the following in one word or in one sentence:

a)What do we call features that help organisms survive in their environment?

b)How does a cactus survive in a dry desert?

c)How do camels survive in desert area?

🗼 d)What is meant by habitat?

2.First thing in the morning Ravi has a glass of milk, banana and few almonds. State the various nutrients he is getting from these food items he has consumed.

S.N	Name of the food consumed	Nutrient present in the food
1	A glass of milk	
2	Banana	
3	Almonds	

3.A person has a food which is turning bluish black when iodine is added to it.

a) Name the nutrient which was present in the food item.

b) Name the food item.?

4. Give 2 example each

- a) milch animals
- b) poultry birds

5.I have 2 containers, one container A having sugar solution and other container B having protein suspension. I want to confirm which container has what. Suggest a test that should

be performed by me to confirm which container has sugar solution and which one has protein suspension .

Answer the following in brief.

6. Define the terms a) solubility and b) diffusion with the help of examples.

- $\frac{1}{2}$ 7.How can the scent of a perfume spread in each corner of our home? Explain.
- 8..Differentiate between
- 🕰 a) Transparent and opaque materials
- b) Soluble and insoluble materials

9.What is the effect of increase of temperature on solubility of substances?

- 10.Liquids have no fixed shape,only a fixed volume. Explain with an activity.
- 11.How are underwater animals able to survive?

12.Now days with spread pandemic corona there is lot of waste is produced i.e. PPE kit,

surgical mask etc. State whether this waste is biodegradable or nonbiodegradable. 13.You visit a city where twin bin system is followed that is blue and green dustbins are placed in the localities. You have to segregate the waste and throw it in the two bins. Make a list of waste consisting of at least 4 waste materials you will put in green and blue bins.

Activities

- 1) Paste the picture of Biodegradable,non-biodegradable, biotic and abiotic components of the environment on A4 size sheet.
- 2) Place mat Activity- paste a picture of your favourite carbohydrates, protein, vitamins and minerals.



3) Make a model of arrangement of particles(Solid,liquid and gas) Note- Don't use thermocol sheet.



4)Riddles

- 1) Before I am born I am liquid, when I am alive I am solid, when I die I am a gas who am I?
- 2) I am in a state of matter. I have my own shape and volume. Wood and plastic are examples. Who am I?
- 3) I am anything that has mass and occupies space. I could be solid liquid or gas who am I?

*Read and learn internal questions of ch- 1 to 3 . *Try to solve back exercise of ch-3, 4 *Write a short story on "True friendship" on A4 size sheet. <u>GK</u> Learn and complete page: 14 to 25 ਅਣਡਿੱਠਾ ਪੈਰਾ – ਹਨ੍ਹੇਰਾ ਹਨ੍ਹੇਰਾ – ਭਿਆਨਕਤਾ ਦਾ ਪ੍ਰਤੀਕ ਹਨੇਰਾ ਚੀਜ਼ਾਂ ਨੂੰ ਆਪਣੀ ਲਪੇਟ ਵਿੱਚ ਲੈਂਦਾ ਹੈ ਜਾਂ ਇੰਜ ਕਹਿ ਲਵੋ ਕਿ ਮਨੁੱਖ ਹਨੇਰੇ ਵਿੱਚ ਦੇਖਣ ਤੋਂ

ਅਸਮਰੱਥ ਹੈ। ਇਸ ਕਰਕੇ ਹਨੇਰਾ 'ਧੁੰਦਲਾਹਟ', 'ਅਸਪਸ਼ਟਤਾ', 'ਦ੍ਰਿਸ਼ਟੀਹੀਣਤਾ' ਅਤੇ ਅੰਨ੍ਹੇਪਣ ਦਾ ਦੂਜਾ ਨਾਂ ਹੈ। ਮਨੁੱਖ ਸੁਭਾਵਕ ਹੀ ਹਨੇਰੇ ਤੋਂ ਖੌਫ਼ ਖਾਂਦਾ ਹੈ ਕਿਉਂਕਿ ਅਜਿਹੀ ਹਾਲਤ ਵਿੱਚ ਉਹ ਆਪਣੇ-ਆਪ ਨੂੰ ਇਕੱਲਾ ਮਹਿਸੂਸ ਕਰਦਾ ਹੈ। ਇਸ ਤੋਂ ਛੁੱਟ ਹਨੇਰੇ ਵਿੱਚ ਕਈ ਤਰ੍ਹਾਂ ਦੇ ਖ਼ਤਰੇ ਛੁਪੇ ਹੋਣ ਦੀ ਸੰਭਾਵਨਾ ਹੁੰਦੀ ਹੈ। ਇਸ ਪੱਖੋਂ ਹਨੇਰਾ 'ਭਿਆਨਕ' ਅਤੇ 'ਡਰਾਉਣੇਪਣ' ਦਾ ਪ੍ਰਤੀਕ ਹੈ। ਨੈਤਿਕ ਜਾਂ ਕਾਨੂੰਨੀ ਦ੍ਰਿਸ਼ਟੀ ਤੋਂ ਜਿਸ

ਕੰਮ ਨੂੰ ਕਰਦਿਆਂ ਝਿਜਕ ਆਉਂਦੀ ਹੈ ਜਾਂ ਜਿਸ ਕੰਮ ਨੂੰ ਲੋਕਾਂ ਦੀ ਨਜ਼ਰ ਤੋਂ ਬਚਾਉਣਾ ਲੋੜੀਂਦਾ ਹੈ, ਉਹ ਹਨੇਰੇ ਦੇ ਪਰਦੇ ਵਿੱਚ ਕੀਤਾ ਜਾਂਦਾ ਹੈ। ਇਸ ਤਰ੍ਹਾਂ ਹਨੇਰਾ 'ਕਾਲੀ ਕਰਤੂਤ, ਚੋਰ ਬਜ਼ਾਰੀ, ਭ੍ਰਿਸ਼ਟਤਾ, ਬੁਰਾਈ ਅਤੇ ਪਾਪ' ਦੇ ਭਾਵਾਂ ਦਾ ਧਾਰਕ ਹੈ। ਇਸ ਦੇ ਨਾਲ ਹੀ ਹਨੇਰਾ ਅਰਥਾਤ ਅੰਧਕਾਰ ਦਾ ਭਾਵ ਹਨੇਰ-ਗਰਦੀ, ਅਨਰਥ, ਤਬਾਹੀ ਅਤੇ ਅੱਤਿਆਚਾਰ ਦਾ ਵੀ ਨਿਕਲਦਾ ਹੈ। ਮਨ ਵਿੱਚ ਹਨੇਰ ਹੋਣ ਦਾ ਭਾਵ ਕਿਸੇ ਚੰਗੀ ਗੱਲ ਦਾ ਅਭਾਵ ਹੈ ਜਿਸ ਤੋਂ ਨਿਰਾਸ਼ਤਾ, ਉਦਾਸੀ, ਸੋਗਵਾਨੀ ਅਤੇ ਦੁੱਖ ਟਪਕਦਾ ਹੈ। ਦਿਮਾਗ਼ ਦੇ ਪ੍ਰਸੰਗ ਵਿੱਚ ਹਨੇਰਾ ਦਿਮਾਗ਼ੀ ਅੰਨ੍ਹਾਪਣ ਅਰਥਾਤ ਅਗਿਆਨਤਾ, ਬੇਸੁਰਤੀ, ਅੰਧਾਧੁੰਦਪਣ ਅਤੇ ਇਸ ਤੋਂ ਇਲਾਵਾ 'ਕ੍ਰੋਧ' ਦੀ ਵੀ ਹਾਮੀ ਭਰਦਾ ਹੈ।

ਉਪਰੋਕਤ ਵਾਰਤਕ ਪੈਰੇ ਦੇ ਅਧਾਰ 'ਤੇ ਹੇਠਾਂ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਉ :



ਰਾਜ	ਰਾਜਧਾਨੀ	
ਹੇਨਾਂ ਦਿੱਤੇ ਦਿੱਤਰ ਵਿੱਚ ਰੰਗ ਕਰੋ ਅ	ਮਤੇ ਆਪਣੀ ਨਾਨੀ ਸ਼ਾਰੇ ਕੁਝ ਵਾਕ ਲਿਮੋ?	
	/ N/L	
	J-J-J-	
A A A A A A A A A A A A A A A A A A A	A Pares	1
	402 03 0A	
Carry	9	

अपठितगद्यांश-अभ्यासः अधोलिखिते गद्यांशं पठित्वा प्रश्नान् उत्तरत-(i) आदिकाव्यं रामायणं मम प्रियपुस्तकं अस्ति । श्रीरामचन्द्रस्य पावनं चरितं रामायणे अस्ति। अस्य लेखकः महर्षि वाल्मीकिः आसीत्। तस्य रचना रामायणं आदिकाव्यं इतिअस्ति अतएव वाल्मीकिः आदिकविः आसीत्। रामायणम् अनुष्टुप् छन्दसि लिखितम् । रामायणेसप्त काण्डानि सन्ति । एकपदेन उत्तरत-🎗 1. रामायणे कस्य चरितम्अस्ति ? 2. आदिकाव्यं किं अस्ति? र्षूर्णवाक्येन उतरत-1. रामायण कति काण्डानि सन्ति ? 🛿 2. रामायणम् कस्मिन्छन्दसि लिखितम् ? निर्देशानुसारम् उत्तरत-1. "पावनम् चरितम् अस्मिन् विशेषण पदं अस्ति। ≱ क) चरितम् 🥻 ख) काण्ड ग) पावनम्

^१कपदेन उत्तरत-. मणिकर्णिका कस्याः नाम आसीत् ? 🥙 लक्ष्मीबाई कस्य राज्यस्य रानी आसीत्? र्णिवाक्येन उतरत-मणिकर्णिका नाम अस्याः कदा आसीत् ? 🐉 सर्वे तांप्रेमकारणात्किम्कथयन्ति स्म? नेर्देशानुसारम् उतरत-"निकटे" अस्य पर्यायपदं गद्यांशे किम् प्रयुक्तम् ? . "अस्याः जनकस्य नाम मोरोपन्तः आसीत् अस्मिन् वाक्ये क्रियापदं किम् " 🕅 iii) गंगायाः तटे पाटलिपुत्र नाम नगरम् आसीत्। तत्र सर्वगुणसम्पन्नः सुदर्शनः राजा गसीत्। तस्य चत्वारः पुत्राः आसन्। ते पुत्राः रूपवन्तः आसन्, परन्तु राजा चिन्तितः गसीत् यतः ते सर्वे अशिक्षिता आसन्। ्कपदेन उतरत-. पाटलीपुत्रनाम नगरम कुत्रआसीत्? . सुदर्शनः नाम राजा कीदृशः आसीत् **?** र्णिवाक्येन उतरत-नृपस्य कति पुत्राः आसन् े. नृप. किमर्थम् चिन्तित.? नेर्देशानुसारम् उत्तरत-

