

## YUGANTAR PUBLIC SCHOOL

Sample Paper - 2023-24

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Class :	IV S	ubject- Science	Time : 3hrs	
Date :			MM:80	
		SECTION -A		
	Choose the correct ar	iswer:		
1	The plant uses this as	food		1
	a) glucose	b) chlorophyll	c) carbon-dioxide	
2	The gas given out by plants during photosynthesis			1
	a) carbon-dioxide	b) oxygen	c) hydrogen	
3	Leaves appears green	due to		1
	a)chlorophyll	b)starch	c) stomata	
4	The seeds of trees gro	wing in hilly regio	ns are present inside	1
	the	1.\1	a Victoria de	
5	Plants in the plains sl	b) leaves		1
3				1
6	The duckweed is a/aı	b) winter		1
	a) floating		c)roots	1
7	Amphibians have short legs to move on lands.			1
	a)True	b)False		
8	One of the following is	s an endangered a	nimal.	1
	a) crow	b) cow	c) sea turtle	
9	Terrestrial animal live	e here.		1
	a) in water	b) on land	c) in air	
10	An insects body is div	rided int	parts.	1
	a) two	b) three	c) four	

11	Which of these is a social insect?	
	a) ant b) beetle c) cricket	
12	may have up to twenty or thirty pairs of legs.	1
	a)Cockroach b)spider c) centipedes	
13	absorbs water and send it to the leaves .	1
	a)Leaf b) flower c) roots	
14	Pupa sheds its skin few time.	1
	a)True b) False	
15	Which of these does not lay egg?	1
	a) snake b) crocodile c) bear	
16	The baby of a cockroach is called a caterpiller .	1
	a)True b)False	
	<ul> <li>(A) and Reason (R) answer these questions selecting the appropriate option given below.</li> <li>1) (A) - Air enters leave through stomata. <ul> <li>(R) - Leave have green substance called glucose.</li> <li>a) A and R both are correct and R is the correct explanation of A.</li> <li>b) A and R both are correct and R is not the correct explanation of A.</li> <li>c) A is true but R is false.</li> <li>d) A is false but R is true.</li> </ul> </li> </ul>	
18	2) (A) - Camel can live many days when they do not eat food.	+
	<ul> <li>(R) - Because camel store fat in their hump.</li> <li>a) A and R both are correct and R is the correct explanation of A.</li> <li>b) A and R both are correct and R is not the correct explanation of A.</li> <li>c) A is true but R is false.</li> <li>d) A is false but R is true.</li> </ul>	
19	3) (A) - Chew food properly before swallowing. (R) -Because it is good for health.  a) A and R both are correct and R is the correct explanation of A. b) A and R both are correct and R is not the correct explanation of A. c) A is true but R is false. d) A is false but R is true.	

	(R) - Because it lives in tree.	
	a) A and R both are correct and R is the correct explanation of A.	
	b) A and R both are correct and R is not the correct explanation of A.	
	1.35	
	c) A is true but R is false.	
	d) A is false but R is true.	+
	(Short Answer type questions)	
21	Give two example of each.	2
-57-77	or end champie or each.	-
	i). floating plants,	
	ii). protein rich food	
	ii). protein rich lood	
22	What is metamorphosis?	2
		-
23	Where do lizards and snakes lay their eggs?	2
24	Write two examples of Iron-rich food .	2
25	Which creepy-crawlies suck blood	2
	OR	
	What is a worm's body divided into?	
	The Control of the C	
26	Label the different stages of frog.	2
	SECTION -C	
	(HOTS QUESTIONS)	
27	What is fireflies? How can they light up at night?	3
28	Left-over food is kept in the refrigerator.Why?	3
	OR	
	Wash fruits before peeling them. Why?	
29	What is the manning of the term 'migration'?	3
27	What is the meaning of the term `migration'?	3

30	Vultures can locate a dead animal. Explain?	3
31	What is meant by adaptation?	
32	Explain how plants and animals depend on each other for food.	
33	What is the role of veins in the leaf?	3
	SECTION-D	1
	Long answer type questions:-	
34	a) Draw and label the body parts of an insect. Or	5
	Draw and label the structure of leaf.	
35	a) What is incubation? b) Draw different stages of hen. Or	5
	What is the role of plants in maintaining a balance in nature?	
36	Differentiate between a larva and a nymph. OR	5
	What does a snail et and how does it slide?	
	SECTION -E	
	Case base study questions. Read the following passage carefully and answer the given questions	
37	Animals play a unique role in maintaining the balance of nature. Animals	4
	have several characteristics. They set them apart from other living things.	
	Animals can be insects, mammals, reptile, fish . Other organisms that are not	
	animals, plants are called micro organisms etc.	
	Q1.What are Amphibians?	
	OR	
	Why a mountain goat has strong hooves?	,

	Q2. What are carnivores animals?	
	Q3. Write any two animals that are found in polar region.	
	4. Ducks havewebbed feet which help them to	
	swim.	
	5.The crabs has to breathe in water.	
38	The different types of nutrients present in our food are carbohydrates, fats, proteins, vitamins and minerals. All these nutrients are required by our body. The amount of nutrients in each food-items differs. Thus it is important to eat a variety of food.  1) What are protein?  2) Why roughage is important for our body?	
	3) Write two carbohydrate –rich food items .	
	Or	
	Food should be eaten at fixed hours? Why.	
39	Plants adapt themselves to the place they grow in. This helps them	4
	to survive. The place where a plant or animal live is called its	
	habitat.	
	1. What is meant by adaptation ?	
	2. Name the plants that grows in mountain.	
	3. What are insectivores plants?	
	Or	
	Write name of terrestrial plants.	
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