

<b>KENDRIYA VIDYALAYA SANGATHAN-MUMBAI REGION</b>	
<b>HALF YEARLY EXAMINATION 2025-26</b>	
<b>CLASS: VI</b>	
<b>SUBJECT: SCIENCE (086)</b>	
<b>SAMPLE PAPER</b>	
<b>Time: 02:30 Hours</b>	<b>Max Marks: 60</b>
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**General Instructions:**

1. The question paper comprises five sections A, B, C, D and E. There are 26 questions in the question paper. All questions are compulsory. However, Internal choice have been provided in some questions.
2. Section A consists of 10 MCQ questions of 1 mark each.
3. Section B consists of 5 Very Short Answer type questions of 2 marks each.
4. Section C consists of 6 Short Answer type questions of 3 marks each.
5. Section D consists of 2 Long Answer type questions of 5 marks each.
6. Section E consists of 3 Case Based questions of 4 marks each

SECTION A (1x10=10)					
Q.NO		QUESTION		MARKS	
1.		Following is not a criteria of grouping plants and animals-			1
		a. Eating habits b. Hard or soft stem	c. Colour d. Place they live		
2.		Roots of a plant appear as a bunch of similar size thin roots arising from the base of the stem, it is-			1
		a. Tap root b. Fibrous root	c. Adventitious roots d. None of the above		
3.		Which of the following is an example of Amphibian?			1
		a. Fish b. Frog	c. Whale d. dolphin		
4.		Cooking practices are also known as—			1
		a. Eating practices b. Cookery practices	c. Culinary practices d. None of the above		
5.		Which of the following plant seeds give us edible oil?			1
		a. Coconut b. Groundnut	c. Sunflower d. All of these		
6.		Glucose is an example of —			1
		a. Fats b. Carbohydrates	c. Vitamins d. Minerals		
7.		When a bar magnet is brought near iron dust, most of the dust attracted at:			1
		a. Near the middle	c. Near the two ends		

		b. At the middle and ends	d. Equally everywhere	
8.		Which of the following is an example of a magnetic substance		1
		a. Nickel b. Cobalt	c. Iron d. All of these	
9.		Motion of a fruit falling from a tree is an example of:		1
		a. Circular motion b. Oscillatory motion	c. Linear motion d. Periodic motion	
10		Which of the following does not describe motion.		1
		a. Walking b. Swimming	c. Running d. sleeping	
		<b>SECTION B (2x5=10)</b>		
11		What is Terrestrial habitat ? Give two examples of aquatic habitat?		2
12		Why do Vitamins and Minerals called Protective food?		2
13		Which property of magnet is used in Magnetic compass? What is the use of Magnetic compass?		2
14		Name two food items rich in carbohydrates and Proteins.		2
15		What are magnetic materials? Give two examples.		2
		<b>SECTION B (3x6=18)</b>		2
16		Write 2 differences between herbs and trees. Give two examples of each.		3
17		<p>Sandhya brought three identical bars A, B and C from the market out of which two are magnets and one magnetic material. She made the following observations.</p> <p>a. A repels B for facing two ends and attracts on reversing one of the ends.</p> <p>b. B attracts C for both ends</p> <p>c. A attracts C for both ends</p> <p>Which of these are magnets? Give reasons.</p>		3
18		How will you measure the length of a curved line?		3
19		<p>State whether the following statements are True (T) or False (F).</p> <p>a. A magnet can be broken into pieces to obtain a single pole.</p> <p>b. Similar poles of a magnet repel each other.</p> <p>c. A freely suspended bar magnet always aligns with the north-south direction.</p>		3
20		<p>Express following lengths in given units:</p> <p>a) 1.4km = _____m</p> <p>b) 2m = _____cm</p> <p>c) 5240m = _____km _____m</p>		3
21		What are millets? Why are they called nutri-cereals?		3

		<b>SECTION D (5x2=10)</b>	
22		a) What are food miles? Draw flow chart to show different stages in food mile? b) Why reducing food miles is important, give two reasons.	5(3+2)
23		a) What is standard unit of length? b) Why Footstep cannot be used to measure length? c) What is the smallest distance that can be measured with metre tape? d) How many centimetres make a metre? e) Distance between Mumbai and Nagpur can be measured in : a) Kilometre      b) metre      c) centimetre      d) millimetre	5 (1 x5)
		<b>SECTION E (4x3=12)</b>	
24		Three magnets are arranged on a table in the form of the shape shown in Figure given below. What is the polarity, N or S, at the ends 1, 2, 3, 4 and 6 of the magnets? Polarity of one end (5) is given for you. <div style="text-align: center;"> </div>	4
25		Adaptation is the method by which organisms get well adjusted to the climate. Adaptation does not take place in a short time because the abiotic factors of a region also change very slowly. Those organisms which cannot adapt to these changes die, and only the adapted ones survive. Organisms adapt to different Abiotic factors in different ways. This results in a wide variety of organisms in different habitats <ol style="list-style-type: none"> <li>-----helps organisms to exist in extreme climates.</li> <li>Define the term Adaptation?</li> <li>Write two adaptations of the camel.</li> </ol>	4 (1+1+2)
26		Ritu brought roasted peanuts as snacks to the school. Karthik argued that peanuts do not contain any protein in them. <ol style="list-style-type: none"> <li>Name the two chemicals used to test the presence of proteins.</li> <li>What happens if you are not including Proteins in your diet for a longer period of time?</li> <li>Mention sources of protein (any two)</li> </ol>	4(1+1+2)