



INDIAN SCHOOL SOHAR
PERIODIC TEST I (2023-24)
SCIENCE

SET-1
MAX MARKS: 20
TIME: 40 MINUTES

CLASS: VI

DATE: 22.05.2023

General Instructions:

- 1) This question paper consists of ten questions in 5 sections.
- 2) All questions are compulsory.
- 3) **Section A** consists of four objective type questions and two assertion-reasons carrying 1 mark each.
- 4) **Section B** consists of one very short question carrying 02 marks.
- 5) **Section C** consists of one short answer type question carrying 03 marks.
- 6) **Section D** consists of one long answer type question carrying 05 marks.
- 7) **Section E** consists of one case based unit of assessment of 04 marks with internal choice.

SECTION – A		
Choose the correct answer from the options		
Q.No	Questions	Marks
1	The components of food that are necessary for growth and repair of the body are: (a) fats (b) proteins (c) carbohydrates (d) glucose	1
2	Which of the following material is NOT lustrous? (a) gold (b) silver (c) wood (d) diamond	1
3	While doing an activity in class, the teacher asked Ramu to hand over a translucent material. Which among the following material will Ramu pick and give her teacher? (a) glass tumbler (b) mirror (c) muslin cloth (d) aluminum foil	1
4	Which of the following food items does not provide dietary fibre? a) Whole grains b) whole pulses c) fruits and vegetables d) milk	1
	Q. no 5 and 6 are Assertion - Reasoning based questions. These consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below: (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true 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 .	
5	Assertion(A): Deficiency of one or more nutrients can cause disease or disorders in our body. Reason(R): All deficiency diseases can be prevented by taking a balanced diet.	1
6	Assertion (A): The material through which we cannot see the objects are called opaque. Reason (R): Wood is an example of opaque material.	1
SECTION B		
7	Are fats, proteins and starch present in all food items? Justify	2
SECTION C		
8	What are deficiency disease? What is the result of deficiency of the following nutrients in our diet? a. Vitamin C b. Calcium	3

SECTION D		
9	<p>a. Tanisha added sugar and ice cubes to the lemonade. She found that few sugar crystals sank to the bottom while ice cube was floating. Why do the ice cubes float and sugar crystals sink in water?</p> <p>b. What are soluble and insoluble substances?</p> <p>c. Write any one property of materials based on which they are grouped.</p>	5
SECTION E		
10	<p>Balu was having difficult in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.</p> <p>a. Which deficiency disease is he suffering from?</p> <p>b. Which food component may be lacking in his diet?</p> <p>c. Suggest any two food items that he should include in his diet.</p> <p style="text-align: center;">OR</p> <p>c. Write any two symptoms of this disease.</p>	4



General Instructions:

1. This question paper consists of ten questions in 5 sections.
2. All questions are compulsory.
3. **Section A** consists of four objective type questions and two assertion-reasons carrying 1 mark each.
4. **Section B** consists of one very short question carrying 2 marks.
5. **Section C** consists of one short answer type question carrying 3 marks.
6. **Section D** consists of one long answer type question carrying 5 marks.
7. **Section E** consists of one case based unit of assessment of 4 marks with internal choice.

SECTION – A		
Choose the correct answer from the options		
Q.No	Questions	Marks
1	Beriberi is a disease caused by the deficiency of which of the following vitamin? (a) iron (b) Vitamin B1 (c) Vitamin C (d) calcium	1
2	Which of the following material is NOT lustrous? (a) gold (b) silver (c) wood (d) diamond	1
3	While doing an activity in class, the teacher asked Ramu to hand over a translucent material. Which among the following material will Ramu pick and give to her teacher? (a) glass tumbler (b) mirror (c) muslin cloth (d) aluminum foil	1
4	Amla is a rich source of (a) Vitamin A (b) Vitamin B (c) Vitamin C (d) Vitamin D	1
	Q. no 5 and 6 are Assertion - Reasoning based questions. These consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below: (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true 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.	
5	Assertion (A): Deficiency of one or more nutrients can cause disease or disorders in our body. Reason(R): All deficiency diseases can be prevented by taking a balanced diet.	1
6	Assertion (A): Some gases are soluble in water whereas others are not. Reason (R): Oxygen gas dissolves in water.	1
SECTION B		
7	Overcooking the food should be avoided. Justify.	2
SECTION C		

8	<p>What are deficiency diseases? What is the result of deficiency of the following nutrients in our diet?</p> <ol style="list-style-type: none"> Vitamin D Iodine 	3
SECTION D		
9	<ol style="list-style-type: none"> Tanisha added sugar and ice cubes to lemonade. She found that few sugar crystals sank to the bottom while ice cube was floating. Why do ice cubes float and sugar crystal sank in water? What are soluble and insoluble substances? Write any one property of materials based on which they are grouped. 	5
SECTION E		
10	<p>Rahav was having difficulty in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.</p> <ol style="list-style-type: none"> Which deficiency disease is he suffering from? Which food component may be lacking in his diet? Suggest any two food items that he should include in his diet. <p style="text-align: center;">OR</p> <ol style="list-style-type: none"> Write any two symptoms of this disease. 	4