



**INDIAN SCHOOL SOHAR**  
**PERIODIC TEST II (2023-24)**  
**SCIENCE**

**CLASS: VI**  
**DATE: 14-01-2024**

**MAX MARKS: 20**  
**TIME: 40 MINUTES**

**General Instructions:**

**SET 1**

- i. This question paper consists of ten questions in 5 sections.
- ii. All questions are compulsory.
- iii. **Section A** consists of four objective type questions and two assertion-reasons carrying 1 mark each.
- iv. **Section B** consists of one very short question carrying 02 mark.
- v. **Section C** consists of one short answer type questions carrying 03 mark.
- vi. **Section D** consists of one long answer type question carrying 05 mark.
- vii. **Section E** consists of one case based units of assessment of 04 marks with sub-parts.

**SECTION –A**

**Select and write one most appropriate option out of the four options given for each of the questions 1 to 4**

Q.NO	Questions	Marks
1	The habitat of living organisms that live in water is called: (a) Terrestrial habitat                      (b) Aquatic habitat (c) Both a and b                              (d) None of the above	1
2	Although organisms die, their kind continues to live on earth. Which characteristic of a living organism makes this possible? (a)Respiration   (b) Reproduction   (c) Excretion   (d) Movement	1
3	Which of the following is <b>NOT</b> always necessary to observe a shadow? (a) Sun    (b) Screen    (c) Source of light    (d) Opaque object	1
4	The objects that allow the most of the light to pass are called: (a) Translucent    (b) opaque    (c) Transparent    (d) None of these	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.

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|---|--|---|
| 5 | Assertion (A): The surroundings where plants and animals live is called their habitat.<br>Reason(R): Several kinds of plants and animals may share the same habitat. | 1 |
| 6 | Assertion (A): Shadows give us some information about shapes of objects.<br>Reason (R): Sometimes, shadow can also mislead us about the shape of the object.         | 1 |

**SECTION B**

**Question number 7 is very short answer question**

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|---|---|---|
| 7 | Define the term reflection of light. Provide an example of a surface that reflects light. | 2 |
|---|---|---|

**SECTION C**

**Question number 8 is short answer question**

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|---|---|---|
| 8 | Explain why?<br>a. A lion has eyes in the front of its head.<br>b. A deer has eyes on the side of its head.<br>c. A Yak has long hair on its body | 3 |
|---|---|---|

## SECTION D

### Question number 9 is long answer question

- 9 a. Write down the adaptive features of the squid and octopus to survive in water.(write three points) 5  
b. Why are the leaves of submerged aquatic plants narrow and thin, like ribbons and highly divided. (Write two points)

## SECTION E

**Q.no. 10 is case based/data based questions with three short sub-parts. Internal choice is provided in one of these sub-parts**

- 10 On a sunny day, when we pass under a tree covered with a very large number of leaves, we often see bright circular patches of light on the ground (under the tree). 4  
a. What are the bright circular patches of light?  
b. Name the object (the source of light) in this case.  
c. State two characteristics of images formed by a pinhole camera.

**OR**

- c. State two characteristics of shadow of an object.