

**INDIAN SCHOOL SOHAR**  
**SUMMATIVE ASSESSMENT – II**  
**SCIENCE**

**CLASS: VI**  
**DATE: 12/03/2017**

**MAX.MARK:60**  
**TIME: 2 HRS.**

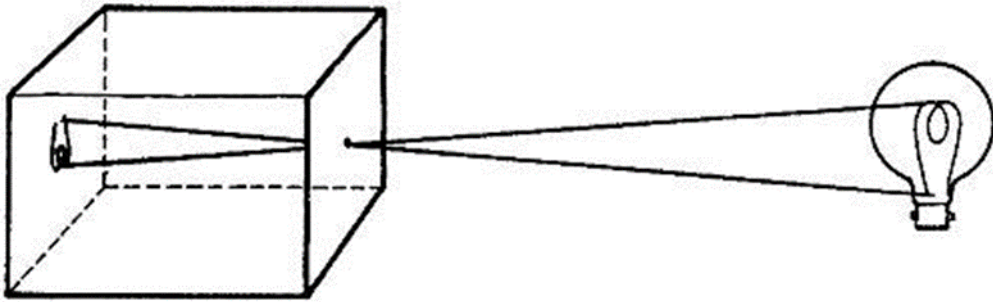
**General Instructions:**

- a. This question paper contains 25 questions. Read the instructions carefully and answer.
- b. Questions 1 to 5 are very short answer type questions carrying 1 mark each.
- c. Questions 6 to 14 are short answer type questions carrying 2 mark each.
- d. Questions 15 to 23 are long answer type questions carrying 3 mark each.
- e. Questions 24 & 25 are very long answer type questions carrying 5 mark each.

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|--|----------------------------|
| 1. What are biotic components?   | 1                          |
| 2. Define oscillatory motion.  | 1                          |
| 3. Which part of the shadow is called penumbra?  | 1                          |
| 4. Name the gases in the atmosphere which are essential for respiration and photosynthesis respectively. | 1                          |
| 5. What is compost used for?   | 1                          |
| 6. Differentiate between biodegradable and non-biodegradable wastes.(each 2 points)                      | 2                          |
| 7. a) Mention the percentage and use of nitrogen in air.   | 2                          |
| b) Write any one use of ozone layer.   |                            |
| 8. State two special properties of water.  | 2                          |
| 9. Give reasons:   | 1 x 2 = 2                  |
| a) The casing of magnetic compass is not made of nickel.   |                            |
| b) Credit cards and CD should not be placed closed to magnets.   |                            |
| 10. Name the following:  | $\frac{1}{2} \times 4 = 2$ |
| a) Device that makes and breaks circuit.   |                            |
| b) A device that converts chemical energy to electrical energy.  |                            |
| c) Metal used in filament of bulb.   |                            |
| d) The position of switch in open circuit.   |                            |
| 11. Write any two differences between shadow and image.  | 2                          |
| 12. Explain the two types of translational motion – give an example for each.                            | 2                          |
| 13. Define the following:  | 1 x 2 = 2                  |
| (a) Hibernation  | (b) Acclimatisation        |
| 14. Name the organism in which the following organ is present.   | 2                          |
| (a) Swim bladder (b) Setae (c) Tentacles (d) Antennae  |                            |
| 15. Explain 3 R's with examples.   | 3                          |
| 16. Draw and explain Oxygen cycle.   | 3                          |
| 17. Write any three properties of magnet.  | 3                          |
| 18. (a) Differentiate between the primary and the secondary cell. (two point each)                       | 3                          |
| (b) Why we shouldn't touch the electrical device with the wet hand.                                      |                            |

19. Identify the device and mention its principle and nature of image formed.

3



20. Write any three advantages of SI system.

3

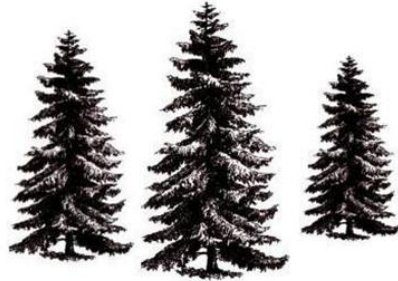
21. Identify the region where do these organisms live and write any two adaptive features for each of them.

3

A



B



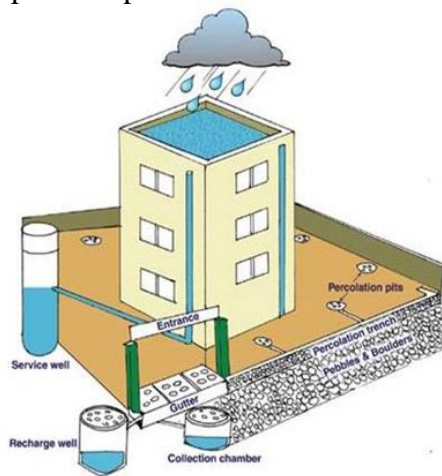
22. Complete the table:

3

Type of Joint	Movement	Location
	Two directions	
Ball and Socket		
	Right and left as well as upward and downward	

23. What do the below picture depicts. Explain about it.

3



24. Explain why the body of bird is well suited for flight. Support with five points.

5

25. With a neat labelled diagram describe an activity to prove that air is required for the process of combustion.

5