

INDIAN SCHOOL SOHAR
SUMMATIVE ASSESSMENT-II
SCIENCE

CLASS-VII
16.3.16

TIME :- 2 HRS
MM:60

GENERAL INSTRUCTIONS :-

1. Questions 1 to 5 are very short answer type questions-1 mark each.
2. Questions 6 to 14 are short answer type questions - 2 marks each.
3. Questions 15 to 23 are short answer type questions- 3 marks each.
4. Questions 24 to 25 are long answer type questions - 5 marks each.

1.Fill in the blanks-

- a) Yeast reproduces by _____.
 - b) The main reproductive part of a plant is _____.
- 2.What is the role of alveoli in exchange of gases ?
3. How is wind caused ?
- 4.Name the agent of seed dispersal- a) coconut b) cotton
- 5.Tina looked into the mirror by placing it close to her face. The image of her face was found to be erect and magnified. Name and draw the diagram of the type of mirror used by Tina.
6. Draw the symbol of the following components of an electric circuit-
- a) cell
 - b) voltmeter
 - c) conducting wire
 - d) switch off
- 7.State the two laws of reflection of light.
8. Give reasons- Hard water is not suitable for - a) washing clothes b) use in boilers.
9. After fertilization, what changes occur in a flower ? (2 points)
- 10.Why most of the water available on the earth is not fit for drinking? (2 points)
- 11.Name the respiratory organ of- a) earthworm b) cockroach c) sparrow d) tadpole.
12. How is pressure related to a) altitude ? b) temperature ?
13. A food chain can also be called as an energy flow chain. Justify the statement.
14. In a 200 m race, an athlete takes 40 s to run the distance. Find his speed.
15. Respiration is a chemical reaction-
- a) Represent it in the form of a chemical equation.
 - b) What are its 2 types ?
 - c) Why is it important to living organisms .
16. State the cause and effect of eutrophication.
17. List any 3 protective functions of forests.
18. How is temporary hardness of water caused ? Explain the procedure to remove it.
- 19.Discuss the 3 stages of primary treatment of sewage.
- 20.a) What is an electric fuse made up of ? b) On what principle does it work ?
- c) Why is it used in electric circuits ?
- 21.Mention any 3 safety measures to be followed in case of a cyclone warning.
22. Draw a labeled diagram showing image formation in human eye.
- 23 a) Name and draw the structure of the lens used as magnifying glass.

b) Complete the following table.

Type of image formed	Plane mirror	Convex mirror
1] Real or Virtual	?	?
2]Size of image	?	?

24. Describe the structure and working of an electric bell with the help of a labeled diagram.

25.a) Describe the structure of heart. (3 points)

b) How is blood circulated in the body by contraction and relaxation of the heart ?
