



INDIAN SCHOOL SOHAR
SUMMATIVE ASSESSMENT-II
SUBJECT:-SCIENCE

No of pgs-2

CLASS:-VII

MARKS:-60

DATE:01-03-17

TIME:- 2 HRS

GENERAL INSTRUCTIONS:

Question Paper Carries 1to25 Questions. Read the instructions carefully and answer.

- 1. Questions 1 to 5 are Very short Answer Type Questions carrying 1 mark each.**
 - 2. Questions 6 to 14 are Short Answer Type Questions carrying 2 mark each.**
 - 3. Questions 15 to 23 are Long Answer Type Questions carrying 3 mark each.**
 - 4. Questions 24 & 25 are Very Long Answer Type Questions carrying 5 mark each.**
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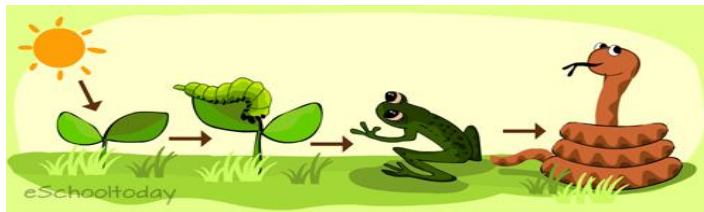
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|---|---|
| 1. Why is MCB device a better fuse than an electric fuse? | 1 |
| 2. Hard water is not a good choice for use in boilers. Justify this statement. | 1 |
| 3. Convert 30m/s into km/h. | 1 |
| 4. Classify the following as unisexual and bisexual flower.
a) Papaya b) mustard c) sweet pea d) mulberry. | 1 |
| 5. Name the following:-a) Veins that carry oxygenated blood.
b) The biggest blood vessel in our body. | 1 |
| 6. What are hurricanes? Where are they usually formed? | 2 |
| 7. Draw the structure of an open stomata and label guard cells and state its function. | 2 |
| 8. a) Why is silver used for coating plane mirrors? (2points)
b) Name the type of mirror used by dentists. What its use? | 2 |
| 9. A boy covers 50 meters in 10seconds, 40 meters in next 10 seconds & 30meters in the last 10 seconds. Calculate the average speed of the boy. | 2 |
| 10. Which part of the plant is used to propagate these plants?
a) Ginger b) sweet potato c) bryophyllum d) dahlia.. | 2 |
| 11. Mention two regulatory functions of forest. | 2 |
| 12. Write one difference between virtual & real image. Give an example for each. | 2 |
| 13. What are the two characteristics of wind? Name the instruments to determine them. | 2 |
| 14. a) Where are the kidneys located in our body?
b) Name the functional units of kidneys and state its function. | 2 |
| 15. What is eutrophication? What harm does it cause the water bodies? | 3 |
| 16. Differentiate between uricotelic and ureotelic organisms. Give an example for each. | 3 |
| 17. What is meant by regular reflection? Explain with a diagram | 3 |
| 18. a) Name the salts present in the permanent hardness of water.
b) How can the permanent hardness of water be made soft water? | 3 |

19. Observe the given picture given below and answer the following questions. 3
 a) Name the property of the image in writing the word inverted. .

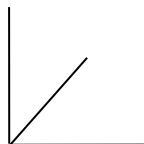
AMBULANCE Why is it written in this way? Explain.



20. Observe the figure given below and answer the following questions. 3
 a) Name the process and define it.
 b) What will happen if frogs become extinct in this process?
 c) Name the levels in the diagram given below.



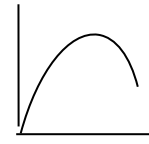
21. a) Observe the following distance-time graph and write the type of motion they indicate. 3



a)



b)



c)

b) Define uniform motion. Give an example.

22. a) Differentiate between sewers and sewage. (1 point each) 3
 b) Mention two uses of sludge.

23. Name the following and write their function. 3

- a) The colourless cells in our body which shows amoeboid movement.
 b) Small openings found between auricles & ventricles.
 c) The organ which is about the size of our closed fist.

24. a) Draw a neat labeled diagram of human eye to show image formation. 5

- b) What type of image is formed?
 c) Name the type of lens of the eyes.

25. Describe an activity with a neat labeled diagram to prove that air expands on heating. 5
