



**INDIAN SCHOOL SOHAR
SUMMATIVE ASSESSMENT-I
SCIENCE**

No. of printed pages:2

TIME :- 2 Hrs

MM: 60

CLASS-VIII

10.9.15

GENERAL INSTRUCTIONS :-

1. Questions 1 to 10 are multiple choice questions - 1 mark each.
2. Questions 11 to 18 are very short answer type questions - 1 mark each.
3. Questions 19 to 24 are short answer type questions - 2 marks each.
4. Questions 25 to 29 are short answer type questions - 3 marks each.
5. Questions 30 to 32 are long answer type questions - 5 marks each.

Q.Choose the most appropriate answer.

1. An example of hermaphrodite is
a) frog b) cow c) hen d) earthworm
2. A crop that enriches the soil with nitrogen is
a) wheat b) mustard c) carrot d) beans
3. Which of the following element will form basic oxide?
a) sulphur b) phosphorus c) carbon d) calcium
4. Fractional distillation separates the fractions of petroleum using their different
a) freezing points b) boiling points c) melting points d) all of these
5. Which of the following is not a conservation category of wildlife?
a) extinct b) endangered c) endemic d) vulnerable
6. Metal A dipped in a salt of metal B, displaces B from the solution. This shows that
a) A is more reactive than B b) B is more reactive than A
c) A & B are equally reactive d) A & B are unreactive
7. In which of the following, a single cell can perform all the life functions?
a) grass hopper b) mushroom c) paramecium d) sunflower
8. What is used in the production of steel?
a) coal b) coke c) bituminous d) coal tar
9. Jelly like substance present between the cell membrane & the nucleus is
a) cytoplasm b) cellulose c) nucleoplasm d) plasma membrane

10. Curdling of milk is brought about by ----- shaped bacteria.
 a) spherical b) rod c) spiral d) comma
11. Which property of W.B.C. s allow them to squeeze through the walls of blood vessels to fight against germs?
12. What information is given in the Red Data Book?
13. Arrange the following elements in their increasing order of reactivity- H, Cu, K, Au.
14. Complete the given equation- $Mg + H_2O \rightarrow \text{_____} + \text{_____}$.
15. Which microorganism is used to make bread soft & fluffy? How this happens?
16. Under what circumstances can viruses reproduce?
17. Bakelite & polythene are both plastics. What is the major difference in their nature?
18. State the physical state of metals & non-metals at room temperature.
19. A Biosphere Reserve serves to maintain the biodiversity and culture of an area. Justify the statement.
20. Differentiate between manure & fertilizers.(2 points)
21. List the characteristics of an ideal fuel. (4 points)
22. How is the foetus different from an embryo?
23. a) Why does the paper cup containing water not catch fire on heating?
 b) Which property of carbon dioxide is applied in extinguishing fire?
24. a) What are blended fabrics? Give example.
 b) Name the plastic used in 1) non-stick cooking utensils 2) plumbing pipes.
25. What are the following cell organelles known as? State their functions.
 a) mitochondria b) lysosomes.
26. a) Which is the highest ranked coal? Why?
 b) Name any two fractions of petroleum along with their uses.(1 point each)
27. Discuss any three useful aspects of microorganisms.
28. a) Define endemic species.
 b) How changes in climate affect the biodiversity of a particular region? Give example.
29. What are the advantages of ploughing the soil before sowing seeds? (3 points)
30. a) Write the chemical reaction involved in the working of soda- acid fire extinguisher.
 b) Explain, why is it dangerous to sleep in a closed room with coke burning inside?
31. a) Draw neat & labelled diagram of a plant cell. b) Expand – D.N.A. State its significance.
32. Draw neat diagram of male or female reproductive system . Label any three important parts & write their functions.
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