

**INDIAN SCHOOL MUSCAT**  
**MIDDLE SECTION**  
**QUESTION BANK \_ TERM I EXAM \_ CLASS VII**

1. Distinguish between a parasite and a saprotroph.
2. Explain the symbiotic relationship between algae and lichens.
3. What are insectivorous plants? Give an example.
4. What are the precautions to be observed while reading?
  - (a) Clinical thermometer
  - (b) Laboratory thermometer
5. Define (a) conduction (b) convection
6. Why are you advised to use an umbrella when you go out in the sun?
7. Woollen clothes keep us warm during winter. Why?
8. What happens when you burn a piece of magnesium ribbon? Write the word equation for the same.
9. When magnesium ribbon is burnt, it leaves behind a powdery ash. What happens when this ash is mixed with water? Write the word equation for the same.
10. A piece of iron is left in the open for some time.
  - (a) Does the colour change?
  - (b) Name the process and define the process.
  - (c) What type of change is this?
  - (d) Write the word equation for this change.
11. You may notice the colour change in copper sulphate solution when you drop an iron nail. Why?
  - a. Write the word equation for the same.
12. Explain the reaction between vinegar and baking soda?
13. Define crystallization.
14. Differentiate aerobic and anaerobic respiration. Write the word equations for the same
15. Define cellular respiration.
16. a. Why do we get muscle cramps after heavy exercise?
  - b. What will you do when you have muscle cramp?
  - c. What kind of respiration takes place during muscle cramp?
  - d. Write the word equation during this respiration.

17. Define (a) Breathing (b) Breathing rate
18. Draw a neat labeled diagram of human respiratory system.
19. Explain the movement of diaphragm during inhalation and exhalation.
20. Why do we sneeze?
21. Explain the process of breathing in
  - a. Cockroach
  - b. Earthworm
  - c. Fish
22. How do plants respire?
23. Define the following.
  - a. Groundwater
  - b. Water table
  - c. Aquifer
  - d. Infiltration
  - e. Drip irrigation
  - f. Rainwater harvesting
24. Give four reasons for the overexploitation of underground water.
25. Write the scientific terms for the following:
  - (a) The process of seeping water into the ground
  - (b) The circulation of water on the earth
  - (c) The wise and judicious use of water
26. What is sludge?
27. Why should we not throw used tea leaves into sink?
28. Suggest few measures to control sewage generation.
29. Define the term migration. How do birds find direction when they migrate?
30. Why does polar bear close its nostrils during swimming under water?
31. Define camouflage.
32. Why tropical rainforests have a large population of animals?
33. What are electric fuses?
34. Distinguish an open switch and close switch.
35. What is an electromagnet?

36. On what factors do the strength of an electromagnet depends.

37. Name the material used to make the core of an electromagnet.

38. Write the different parts of an electric bell.

39. Why a magnetic needle gets deflected when it is brought close to a current carrying conductor?

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