

Sample Question Paper
Science

Class VIII

Time: 2 hours 30 mins

Total marks: 80

General Instructions:

1. The question paper contains 39 questions divided into four sections A, B, C and D.
 2. All questions are compulsory.
 3. Section A comprises question numbers 1 to 14. These are 1 marker questions.
 4. Section B comprises question numbers 15 to 27. These are 2 marker questions.
 5. Section C comprises question numbers 28-32. These are 3 marker questions.
 6. Section D comprises question numbers 32-36. These are 5 marker questions.
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Section A (1x14)

1. _____ are plants of the same type that are planted and cultivated at one single place on a large scale.
2. _____ are organisms that are present among us but we cannot see them.
3. Synthetic fibre is also known as _____.
4. The property of metals to produce ringing sounds is called _____.
5. _____ is the fuel used in lamps.
6. A substance that undergoes combustion is called _____ substance.

7. _____ was a project started by the government to protect tigers.
8. The female gametes produced by the ovary are called _____.
9. Adolescence marks the onset of _____.
10. _____ visualised the cell for the first time.
11. The push or pull on an object is called _____.
12. _____ are used to reduce the friction between two surfaces.
13. The voice box of humans is also called _____.
14. A substance that conducts electricity is called _____.

SECTION B (2X13)

15. Define the following:
 - a. Insulator
 - b. Earthing
16. Define the following:
 - a. Incident ray
 - b. Reflected ray
17. Define the following:
 - a. Celestial objects
 - b. Astronomy
18. What are Kharif crops and Rabi crops?
19. What are the four types of microorganisms?

20. What are viruses?
21. Define the following:
- a. Thermosetting plastic
 - b. Thermoplastics
22. What are ductility and malleability?
23. What are exhaustible and inexhaustible resources?
24. Define the following
- a. Combustion
 - b. Ignition temperature
25. Explain the following:
- a. Red Data Book
 - b. Endemic species
26. What are multicellular and unicellular organisms?
27. What is internal and external fertilization?

SECTION C (3X5)

28. Explain the following:
- a. Target site
 - b. Adolescence
 - c. Secondary sexual characters
29. Define the following:

- a. Contact force
 - b. Electrostatic force
 - c. Pressure
30. Define the following terms:
- a. Rolling friction
 - b. Sliding friction
 - c. Lubricant
31. Explain the following terms:
- a. Vibration
 - b. Vacuum
 - c. Eardrum
32. What precautions must be taken during an earthquake?
- SECTION D (5X5)**
33. Explain electroplating with the help of a diagram.
34. Draw the structure of the earth and label its interior.
35. Draw a map of the earthquake and explain why an earthquake takes place.
36. Explain the law of reflection with the help of a diagram.
37. Write a short note on air pollution and how to prevent air pollution.