

QUESTION PAPER

CLASS: VIII
TIME : 1.5 Hours

SUBJECT : SCIENCE
TOTAL MARKS : 40

I. Fill in the blanks: 5 x 1 = 5

1. The supply of water to crops at different intervals is called as _____ . 1
2. _____ is the nitrogen fixing bacteria found in the roots of leguminous plants. 1
3. _____ is used for making electrical switches and handles of various utensils. 1
4. Metals react with acids to produce _____ gas. 1
5. The process of separation of different constituents from petroleum is called as _____ 1

II. Choose the correct answer from the given options: 5 x 1 = 5

6. The advantage of ploughing is
 - a) it allows the penetration of roots of plants
 - b) it helps in proper aeration and eradicates weeds
 - c) it promotes the growth of useful bacteria
 - d) All of these 1
7. The following is an antibiotic
 - a) Sodium bicarbonate
 - b) streptomycin
 - c) alcohol
 - d) yeast 1
8. Which of these is called as artificial silk ?
 - a) rayon
 - b) polyester
 - c) nylon
 - d) none of these 1
9. A sample of gas was found to burn with a pop sound. Which of the following could have given this result
 - a) oxygen
 - b) hydrogen
 - c) nitrogen
 - d) carbon dioxide 1
10. Which of the following is used as a domestic fuel ?
 - a) Petrol
 - b) diesel
 - c) LPG
 - d) bitumen 1

III. The following questions are short answer type. Each question carries 2 marks. $4 \times 2 = 8$

11. What do you understand by ploughing? What is its importance? 2
12. Write two methods of preserving food. 2
13. Distinguish between thermoplastics and thermosetting plastics with examples. 2
14. Write two ways in which we can help to meet energy crisis. 2

IV. The following questions are short answer type. Each question carries 3 marks. $4 \times 3 = 12$

15. Write differences between fertiliser and manure. 3
16. Write any two advantages and one disadvantage of plastics. 3
17. Give reasons for the following:
- a) Sodium and potassium are stored in kerosene.
 - b) Copper wires are commonly used in household cables.
 - c) Silver articles become black after sometime when exposed to air. 3
18. Write any three constituents of petroleum and their uses. 3

V. The following questions are long answer type. Each question carries 5 marks. $2 \times 5 = 10$

19. a) If micro-organisms were not there, the earth would have been full of garbage and unwanted materials. Why?
- b) Write any two ways in which micro-organisms are beneficial to us.
- c) Write any two ways in which micro-organisms are harmful to us. 5
20. a) What happens when zinc strip is dipped into blue copper sulphate solution? Why?
- b) What would happen to iron railings on the road side if they are not painted? Why does it so happen?
- c) Why should food stuffs like chutneys, pickles and curd not be stored in containers made of metals? 5
