



FACULTY HIGHER SECONDARY SCHOOL
SAMPLE QUESTION PAPER 19-20
SUBJECT: SCIENCE
CLASS: V

Marks: 50

General Instructions:

Group A: Objective type questions of 1 mark each

Group B: Questions contain 2 marks each

Group C: Questions contain 3 marks each

Group D: Questions contain 5 marks each

GROUP: A

1. Choose the correct option: 5x1=5
 - a) Which of the following plants grow from stem cutting?
i) rose ii) bryophyllum iii) sweet potato
 - b) Growing children require more-----
i) fats ii) carbohydrates iii) protein
 - c) Which number should be dialled to call fire brigade?
i) 100 ii) 101 iii) 102
 - d) The surroundings in which an animal naturally lives is called its-----
i) home ii) habitat iii) adaptation
 - e) Which of the following gases is used in fire extinguishers?
i) oxygen ii) carbon dioxide iii) nitrogen
2. Fill in the blanks: 4x1=4
 - a) Moon takes----- days to complete one revolution.
 - b) ----- are very hot.
 - c) In fern, a ----- can grow into a new plant.
 - d) ----- posture gives us a graceful appearance.
3. Write 'True' or 'False': 3x1=3
 - a) Fracture is a break or crack in a bone.
 - b) Underground water is the purest form of water.
 - c) Whales breathe through gills.
4. Answer the following questions in one/two words: 3x1=3
 - a) Name the first Indian Artificial satellite.
 - b) Name a disease which is caused by protozoa.
 - c) Which part of seed contains food for the baby plant?

GROUP-B

5. Dispersal of seed is necessary. Why? 2
6. What do we need to stay healthy? 2
7. What first aid we should provide in case of sprain? 2
8. How will you separate a mixture of chalk powder and water? 2
9. How does a polar bear survive in the desert? 2

GROUP-C

- 10.a) How are tides useful to us? 2
- b) Why there is no rain on the moon? 1

11. Write an activity to show that air occupies space with diagram. 3
12. Give reasons why? 2+1=3
- a) Eating too much fat can be harmful.
- b) Roughage is an important component of food.
13. What is camouflage? How does it help the animals? 1+2=3
14. How do water and wind help in the dispersal of seeds? 3

GROUP-D

15. What is germination? Explain with diagram. 5
- 16 Write the causes and symptoms of the following diseases: 2 ½ + 2 ½ =5
- a) Marasmus b) Beriberi

Sample answers

From Group-B

5. Dispersal of seeds is necessary for the better growth of plants because if all the seeds fall at one place they would not get sufficient nutrients, water, sunlight and space to grow.

FROM GROUP-C

10. Tides are useful to ships. When there is high tide, there is enough water to let the ships come easily to the port. The knowledge of tide is important for the fishermen before going out for fishing. High tides also help in generating electricity.

FROM GROUP-D

- a) Marasmus:

Cause: Lack of proteins, carbohydrates and fats in the diet.

Symptoms: The child becomes so thin that loose folds of skin can be seen all over the body. The ribs of the body are visible.

- b) Beriberi:

Cause: Lack of Vitamin B in the diet.

Symptoms: Skin becomes dry and scaly, extreme weakness, affects the nervous system and muscles.