



INDIAN SCHOOL SOHAR
PERIODIC TEST- I (2022-23)

SCIENCE

CLASS: VIII
DATE: 24 /05/22

SET: 1

MAX.MARKS: 20
TIME: 45 MINUTES

GENERAL INSTRUCTIONS:

- There are total 11 questions in the question paper.
- Q. No.1 to Q. No. 5 carry one mark each.
- Q. No. 6 to Q. No. 8 carry two marks each.
- Q. No. 9 is case based question carries three marks.
- Q. No. 10 and Q. No. 11 carry 3 marks each.

Choose the most appropriate answer from the following options:

1. Malaria is a mosquito-borne disease caused by a parasite. Name the parasite.
a) Bacillus anthracis b) Plasmodium c) Paramecium d) Penicillium (1)
2. Rajan is a farmer who wants to harvest the matured crop from his field. Which of the following tool can be used for the process of harvesting?
a) Khurpi b) Hoe c) Plough d) Combine (1)
3. When Maya visited her wheat field with her grandpa, she noticed that some wheat crops got affected by rust of wheat. What causes the disease?
a) Bacteria b) Virus c) Fungi d) Algae (1)

Assertion and Reason:

Question No. 4 & 5 consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:

4. Assertion (A): The use of seed drill is more advantageous for sowing seeds as compared to sowing seeds by traditional method.

Reason (R): Sowing is the process of placing the seed in soil to germinate and grow into plant. (1)

- a) Both A and R are true and R is the correct explanation of A
- b) Both A and R are true and R is not the correct explanation of A
- c) A is true but R is false
- d) A is false but R is true

5. Assertion (A): Curd sets faster in summer than in winter.

Reason (R): Low temperature helps the growth of microbes. (1)

- a) Both A and R are true and R is the correct explanation of A
- b) Both A and R are true and R is not the correct explanation of A
- c) A is true but R is false
- d) A is false but R is true

Answer the following questions in short:

6. A manure is a natural substance obtained by the decomposition of cattle dung and plant residues. Write two advantages of manure over fertilizers. (2)

7. Meenu likes to drink milk without boiling. Her friend suggested to use packet milk. Why? Give the scientific explanation. (2)

8. Manu's uncle is a farmer. One day he visited his uncle's house and observed that the grains after harvesting are spread under the sun. Give two appropriate reasons for this process? (2)

9. Case Study:

Salma's brother was sick. Her parents took him to the hospital. The doctor prescribed antibiotics for her brother. Her father informed her that the doctor prescribed antibiotics for the treatment of bacterial infection. It is not effective against viruses. Salma was very curious to know more about antibiotics. Help Salma to resolve her queries by answering the following questions.

a) What are antibiotics? (1)

b) Name **two** types of microbes which can be commonly used to make antibiotics? (1)

c) What precautions must be taken while taking antibiotics? (1 point) (1)

Answer the following questions in detail:

10. "Preparation of soil is the first step of farming. One of the most important tasks in agriculture is to turn the soil and loosen it". Justify the statement. (3 points) (3)

11. Liya's uncle is infected with Tuberculosis. The significant symptom of this disease is strong cough and high fever.

a) Name the causative microorganism for this disease?

b) What are communicable diseases? Suggest one effective method of preventing communicable diseases. (3)
