



INDIAN SCHOOL SOHAR
PERIODIC TEST – 1 (2022-23)
SCIENCE

CLASS: VII

DATE: 22.05.2022

SET - 1

MAX. MARKS: 20

TIME: 45 Minutes.

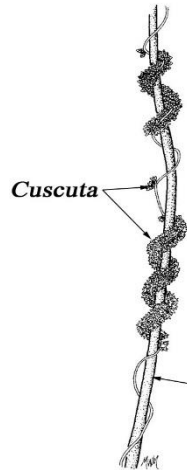
General Instructions:

- 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 three marks each.

MULTIPLE CHOICE QUESTIONS:

1. Which of the following set is correct combination of carbohydrates? (1)
- | | |
|---------------------------------|-----------------------------------|
| a) carbon, hydrogen and oxygen. | b) carbon, nitrogen and oxygen |
| c) carbon, oxygen and protein | d) carbon, hydrogen and potassium |

2. The image shows two different organisms. (1)



Which of the following pair of relationship is shown by these organisms?

- | | |
|-----------------------------------|--------------------------|
| a) Rhizobium and leguminous plant | b) host and parasite |
| c) Alga and fungus | d) Fungi and dead matter |
3. A patient diagnosed with diarrhoea will show which of the following symptoms? (1)
- | | |
|----------------------|-------------------------------------|
| a) Bleeding gums | b) Breathlessness |
| c) Short sightedness | d) frequent passage of watery stool |

ASSERTION AND REASON:

4. **Assertion:** Digestion begins in the mouth of human beings. (1)

Reason: Digestion completes in the large intestine.

- | |
|---|
| 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:** The association of rhizobium bacterium and leguminous plants are of great significance for farmers. (1)

Reason: This association reduces the use of nitrogenous fertilizer where leguminous plants are grown.

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

SHORT ANSWER QUESTIONS.

6. a) State the role of leaves in the process of photosynthesis. (Any one) (1)

b) Write the word equation representing the process of photosynthesis. (1)

7. Write the function for the following:

- a) Mucus present in the stomach of human beings. (1)
- b) Finger like outgrowth present in small intestine. (1)

8. If pitcher plant is green in colour and carries out photosynthesis, then why does it feed on insects? (2)

9. CASE STUDY BASED QUESTIONS.

Roy was very adorable boy in class but everyone maintained a distance while he talked. Roy never brushed his teeth properly. His friends warned him either he should brush his teeth properly and regularly or they will stop talking to him. One morning Roy woke up with pain and visible hole in his tooth. His mother took him to the doctor for treatment. After returning he went to his grandma and said sorry for not listening to her advice.

- a) With reference to the above case which disease Roy is suffering from? (1)
- b) Write any two methods Roy should have taken to avoid the disease he is suffering from? (1)
- c) Write any two functions of teeth in humans. (1)

LONG ANSWER QUESTIONS.

10. a) Differentiate between saprotrophs and autotrophs. (1 point) (2)

b) Explain what is meant by symbiosis? (1)

11. Write any three characteristic features of Amoeba. (3)

Or

Write the names of various compartments of the alimentary canal (digestive tract).
