



CLASS: VIII
DATE: 23/05/2024

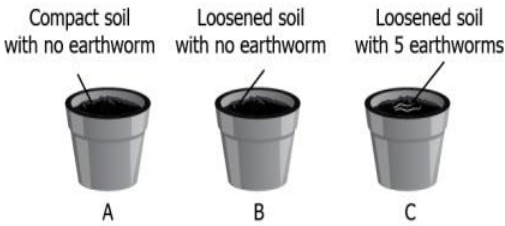
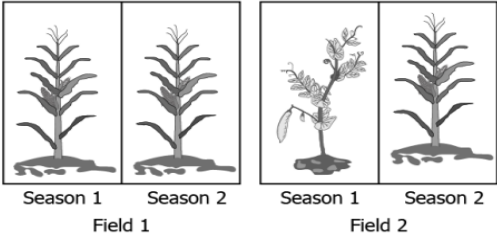
MAX. MARKS: 20
TIME: 40 MINUTES

General Instructions:

- This question paper consists of 10 questions in 5 sections.
- All questions are compulsory. However, an internal choice is provided in some questions. Student is expected to attempt only one of these questions.
- Section A** consists of six objective type questions carrying 01 mark each.
- Section B** consists of one very short question carrying 02 marks.
- Section C** consists of one short answer type question carrying 03 marks.
- Section D** consists of one question carrying 05 marks.
- Section E** consists of one case-based question carrying 04 marks with sub-parts.

SECTION – A

Select and write the one most appropriate option out of the four options given for each of the questions 1 to 4.

Questions		
1	What makes viruses different from the bacteria? (a) microscopic size (b) dependency on living cells (c) requirement of moist conditions (d) requirement of food	1
2	A student setup an experiment to study the growth of plants using three different soil type.  The student plants a mustard seed in each of the three pots. After 2 months, the student observes the growth of the plants. In which of these following plants, the growth will be faster? (a) Pot A (b) Pot B (c) Pot C (d) Growth will be the same in all pots	1
3	A farmer grows maize plants in two consecutive seasons in his field 1. Another farmer at the same time grows bean plants in one season and maize plants in the next season in field 2 as shown.  Which field will likely to have soil with high nutrients for growth of new plants in the third season? (a) field 1 as cultivating same crops every season increases productivity of the crops (b) field 2 as cultivating different crops reduces the water requirement of crops (c) field 1 as cultivating the same crops requires only same type of nutrients (d) field 2 as cultivating different crops restores the nutrients in the field	1
4	Seema mixes some maida flour with water and sugar. She also adds small amount of yeast powder in the mixture. After two hours, she saw that the dough rises. What made the dough to rise? (a) The division of yeast cells and production of gas. (b) The reaction of maida flour with sugar. (c) The release of energy by yeast cells after consumption of maida flour. (d) The release of heat due to enlargement of yeast cells.	1

Q. no 5 and 6 are Assertion - Reasoning based questions.
These consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:
(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: Common cold is a communicable disease Reason: Common cold occurs through the little droplets thrown out by an infected person who sneezes or coughs.	1
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6	Assertion: Appropriate distance between the seeds is necessary to avoid overcrowding of plants. Reason: Seeds should not be covered by the soil after sowing.	1
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SECTION – B

7	(a) While returning from the school, Reena and her friend ate chaat/pani puri from a street hawker. When they reached home, they felt ill and complained of stomach ache and fell ill. What could be the reason? (b) What role does sugar play in the preservation of food?	2
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SECTION – C

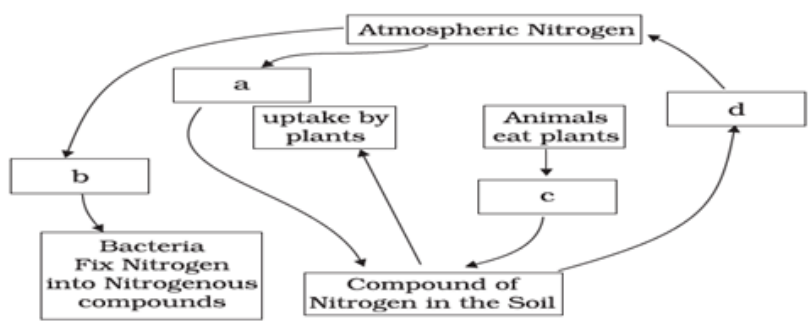
8	(a) Paheli has cold and viral flu for the past 5 days. Her mother gave her antibiotics but she is not recovering. What can be a likely reason for the same? (b) Name the following: (i) The bacterium promotes curd formation (ii) Causative microbe of Yellow vein mosaic of Okra	3
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SECTION – D

9	(a) Name the tool used with a tractor for sowing seeds in a field. Write any two advantages of using this tool? (b) Give any three differences between manures and fertilisers.	5
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SECTION – E

(a) In polio vaccination, the dead microbes are introduced into the children’s body. How does this vaccination protect the children from polio? Explain
 (b) Identify a, b, c, d in the given figure.



OR

(b) Give reasons for the following.
 (i) Fresh milk is boiled before consumption while processed milk stored in packets can be consumed without boiling.
 (ii) Mosquitoes can be controlled by preventing stagnation of water though they do not live in water. Why?