

**BARODA HIGH SCHOOL, ONGC (Afternoon Shift)****Primary Section****UT- I Examination : 2025-26****Subject:- Science****Date: 01/08/25****Std-VIII****Marks: 25****Q.1 A) Fill in the blanks.****(3)**

- 1) Blue green algae fix _____ directly from air and enhance fertility of soil.
- 2) The female Aedes mosquito is the carrier of _____.
- 3) A microorganism that has no cellular structure is _____.
- 4) _____ crop is harvested in October.
- 5) _____ is the science dealing with growth of plants and animals for human use.
- 6) _____ are preserved by the use of oil and vinegar.

B) Correct the following questions and rewrite them.**(3)**

- 1) Study of microorganisms is known as microscopy.
- 2) Tetanus and typhoid are diseases caused by viruses.
- 3) Nitrogen fixation is done by viruses.
- 4) Damaged crop seeds sink in water.
- 5) Animal excreta, plant waste and cowdung are chemical fertilizers.
- 6) Wheat and gram are kharif crops.

C) Choose the correct alternative and complete the blanks.**(2)**

- 1) BHC (Benzene hexachloride) is a _____
a) weedicide b) fertilizer c) fungicide d) pesticides
- 2) Consider the following statements and choose the correct option:

Statement 1: Harvesting involves cutting and gathering matured crops.

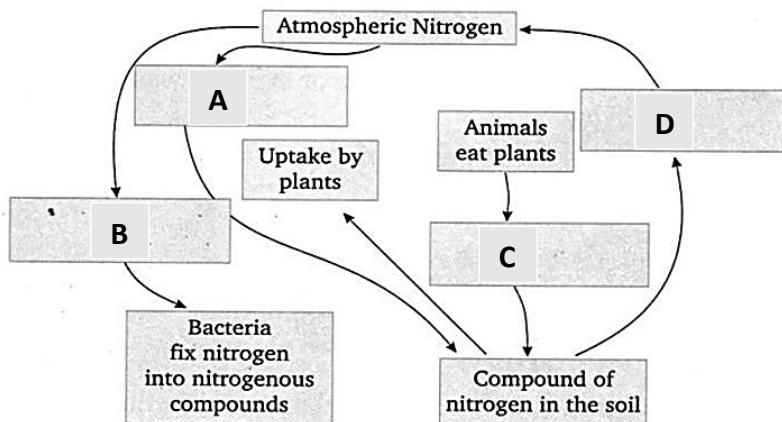
Statement 2: Threshing is the process of separating grains from the chaff.

- a) Statement 1 is correct but statement 2 is incorrect.
- b) Statement 1 is incorrect but statement 2 is correct.
- c) Both statements are correct.
- d) Both statements are incorrect.

- 3) Alina 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?
a) Antibiotics are used against viral infections. b) Antibiotics are used against bacterial infections.
c) Antibiotics take time to cure the infection. d) Antibiotics are to prevent infections rather than to cure them
- 4) A farmer sows beans his fields after harvesting a crop of wheat. The agricultural practice he is following is:
a) Crop rotation b) Multiple cropping c) Fallow field d) Mixed cropping

D) Complete the diagram of Nitrogen Cycle:

(2)



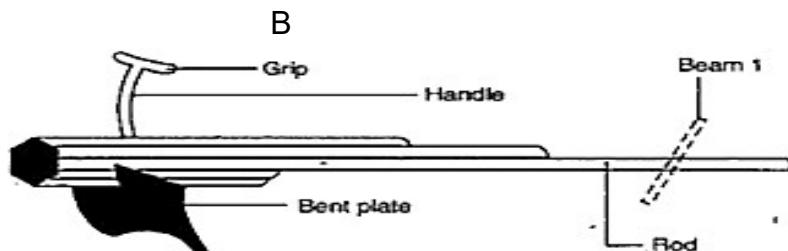
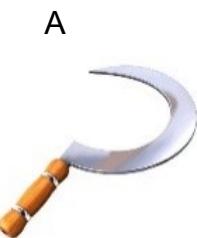
Q.2) A) Answer the following questions in one sentence.

(5)

- 1) Rohan had idli in his breakfast which he found very soft & fluffy.
 - a. What made the idli soft & fluffy, according to you?
 - b. Which organism was responsible for making the idli's soft & fluffy?
- 2) Identify the organism and also write the group.



- 3) Identify the following agricultural implements and write their use.



- 4) Write any two advantages of seed drill.

- 5) Give one use of microorganisms in the following industry

- a) Food industry b) Medical field

B) Observe the given figure and answer the following questions:

(3)

- a) Write the name of the disease
- b) Write the name of the causative agent of that disease
- c) Write the mode of transmission of the disease.



C) Analyse the difference between drip irrigation and sprinkle irrigation in terms of crop suitability and cost efficiency.

(2)

Q.3) Answer the following questions :

A) Take 400ml of milk, curd, four clean jars labelled A, B, C, D. Pour about 100ml of warm milk into each jar. Add a teaspoon of curd to jar A and D. Place jar D in the refrigerator and jar A, B and C in a warm place. Observe the jars after four to five hours and answer the questions: (2)

- a) What do you see in jars A, B and C
- b) What happened in jar D? Why?

B) During a school field trip, students observed that before sowing seeds, the field was ploughed, levelled, and then manured. Evaluate whether these steps important and justify your answer. (3)