B.C.M SCHOOL BASANT AVENUE DUGRI ROAD, LUDHIANA
ASSIGNMENT OF CLASS-VIII
SUBJECT- SCIENCE **DATE-SEPTEMBER 9,2024**

MCQ

1 Identify the following diagram

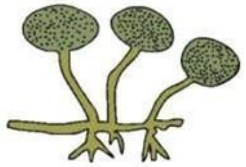


Fig. 2.3

A. Pencillium B. Spirogyra C.Chlamydomonas D. Bread mould

2

Match the following

(i)	Protozoa	(a)	Fixing nitrogen
(ii)	Rhizobium	(b)	Setting of curd
(iii)	Lactobacillus	(c)	Baking of bread
(iv)	Yeast	(d)	Causing malaria

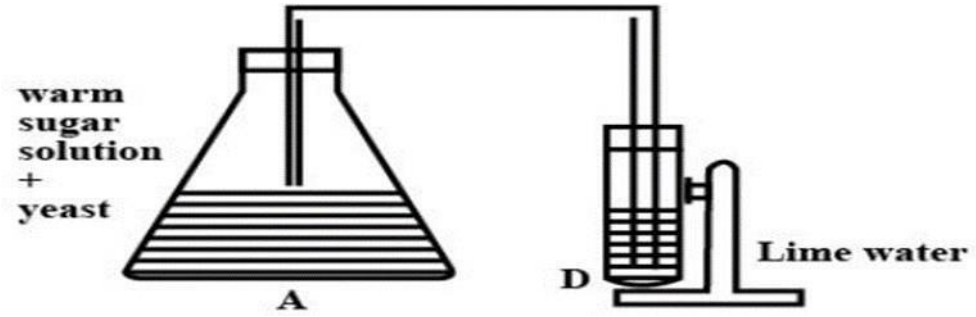
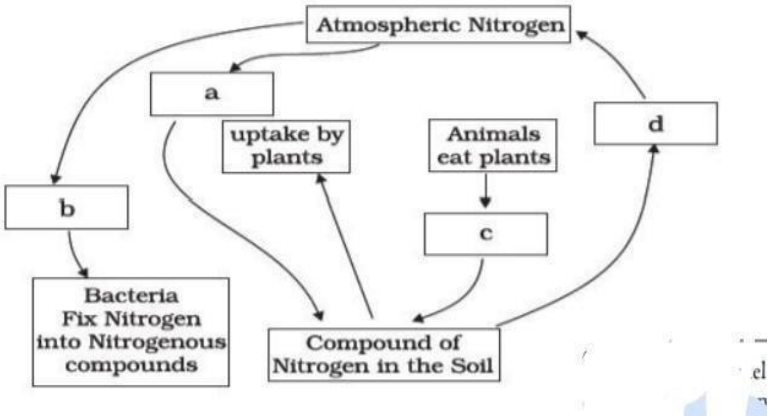
A. I (d) ii(c) iii (a) iv(b) B. i(d) ii(a) iii(b) iv(c)
B. I (b) ii(c) iii(a) iv(b) D. I (a) ii(b) iii(c) iv(d)

ASSERTION REASON

(A) Both Assertion and Reason are the true and Reason is a correct explanation of Assertion.
(B) Both Assertion and Reason are the true but Reason is not a correct explanation of Assertion.
(C) Assertion is true and Reason is false.
(D) Assertion is false and Reason is true.
(E) Both Assertion and Reason are false

3 Assertion (A): Use of fertilizers greatly enhances crop productivity.
Reason (R): Irrigation is very important in increasing crop productivity.

4 Assertion: Sharp knives are used to cut the vegetables.
Reason: Sharp edges exert more pressure

	GIVE ANSWER OF THE FOLLOWING QUESTIONS
5	 Observe the set up given and answer the following questions. (a) What happens to the sugar solution in A? (b) Which gas is released in A? (c) What changes will you observe in B when the released gas passes through it?
6	In an experiment 3.6 kg of a fuel was completely burnt. The heat produced was measured to be 90,000 kJ. Calculate the calorific value of the fuel.
7	i. What is nitrogen cycle? ii. Complete the following cycle given as Fig. 2.4 by filling the blanks (a), (b), (c) (d) 
	CASE STUDY
8	Ravi was heating oil to fry potato chips. The cooking oil all of a sudden caught fire. He took water to pour on the fire to extinguish it. But meanwhile his mother came and switched off the gas and covered the wok completely with a plate. i. Do you think pouring water to the burning oil would have worked? Why? ii. Do you think what Ravi's mother had done is right? Why? iii. Can you suggest other ways in which we can stop fire due to burning oil?

	Syllabus of September exam of Science Ch-1 Crop production and management Ch-2 microorganisms: Friend and foe Ch-3 Coal and petroleum Ch-4 Combustion and flame Ch-5 Conservation of plants and animals Ch-8 Force and pressure Ch-9 Friction **G.K** Ch-1,2,3,4,5,6,7,8