

PMT Revision_Chapter-1_Nutrition in plants

1. Which of the following class of organisms belongs to saprotrophs?

- (a) Fungi
- (b) Algae
- (c) Lichens
- (d) Bryophytes

2. Which one of the following is a pair of symbiotic organisms?

- (a) Lichens
- (b) Rhizobium and a legume
- (c) None of these
- (d) Both (a) and (b)

3 Two organism are good friends and live together, one prepares and provide food while the other provide water and nutrients. Such an association of organism is termed as

- (a) Autotrophs
- (b) Parasites
- (c) Symbiosis
- (d) saprophytes

4. Assertion (A): Lichens are a symbiotic association of algae and fungi.

Reason (R): The fungus supplies food to the algae and, in return, the algae supply water and minerals to the fungus.

- i) Both A and R are true and R is correct explanation of the assertion.
- ii) Both A and R are true but R is not the correct explanation of the assertion.
- iii) A is true but R is false.
- iv) A is false but R is true

5. Assertion (A): Association between rhizobium bacteria and leguminous plants is of great significance to farmers

Reason(B): They can reduce the use of nitrogenous fertilizers where leguminous plants are grown.

- i) Both A and R are true and R is correct explanation of the assertion.
- ii) Both A and R are true but R is not the correct explanation of the assertion.
- iii) A is true but R is false.
- iv) A is false but R is true

6. These are nitrogen fixing bacteria which take nitrogen gas from air and convert it into a usable form –

- a) Rhizobium
- b) Yeast
- c) Paramecium
- d) All the above

7. The mineral needed by plants to make proteins is –

- a) neon
- b) iodine
- c) nitrogen
- d) calcium

8. A saprophyte which is edible

- a) Mushroom
- b) bread mould
- c) pitcher plant
- d) cuscuta

9. Rhizobium bacteria lives in the

- a) stem of leguminous plants
- b) leaves of leguminous plants
- c) roots of leguminous plants
- d) All of the above

10 Match Column A with Column B

	COLUMN A	COLUMN B
a	BREAD MOULD	YEAST
b	CHLOROPHYLL CONTAINING PARTNER IN LICHEN	SYMBIOSIS
c	RHIZOBIUM	ALGAE
d	USEFUL FUNGI	HARMFUL FUNGI
e	LICHENS	BACTERIA