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

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6.These are nitrogen fixing bacteria which takes nitrogen gas from air and converts into 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	ALGEA
d	USEFUL FUNGI	HARMFUL FUNGI
e	LICHENS	BACTERIA

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