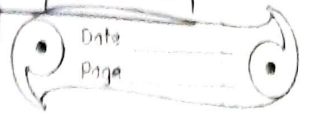


Date - 9 / Aug / 2021

Home Assignment



Q Name the information source of making proteins in the cell.
ans. DNA (deoxyribo nucleic acid) is the information source of making proteins in the cell.

Q State two basic events in reproduction.

ans. The two basic events in reproduction are

(1) Creation of DNA

(2) Additional cellular apparatus by the cell

Q Explain vegetative propagation with the help of two examples. List two advantages of vegetative propagation.

ans. In vegetative propagation, new plants are obtained from the parts of old plants (stems, roots and leaves).

Example - Bryophyllum plant reproduces from its leaves

and money plant grows from its stem.

Advantages of vegetative propagation :-

(i) plant grow faster by the process of vegetative propagation.

(ii) they need less care.

(4) (a) asexual reproduction?

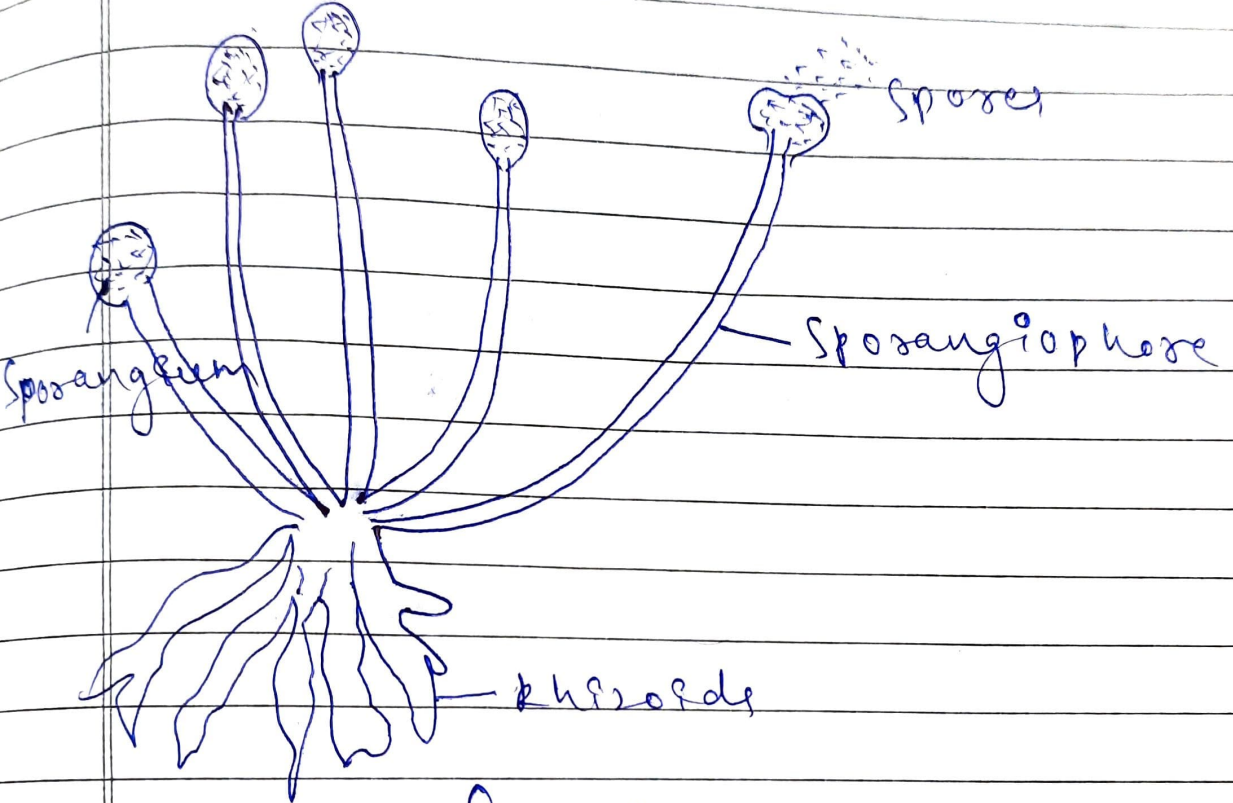
(b) Draw a diagram showing spore formation in Rhizopus.

(c) List two advantages to reproduce themselves through spores.

ans. (a) The asexual reproduction by formation of spores is called spore formation.

(b) The Rhizopus consists of fine thread like structure called hyphae. It has a knob like

Structure is involved in reproduction called Sporangia, containing spores that develop into new Rhizopus.



Spore formation in Rhizopus

- (C) Two advantages for organisms to reproduce themselves through spores are as follows:-
- It is a faster mode of reproduction.
 - All spores produced are identical.