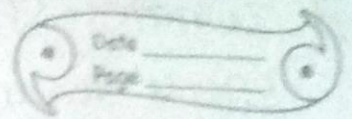


Homework



1. Name the information source of making proteins in the cell. State two basic events in reproduction.

Ans- The DNA in the cell nucleus is the information source of making proteins.

The two basic events in reproduction are:-

i) creation of A DNA copy.

ii) Additional cellular Apparatus by the cell involved in the process.

2. A process in which a new individual is produced from vegetative parts like roots, stem, and leaf is known as Vegetative Propagation

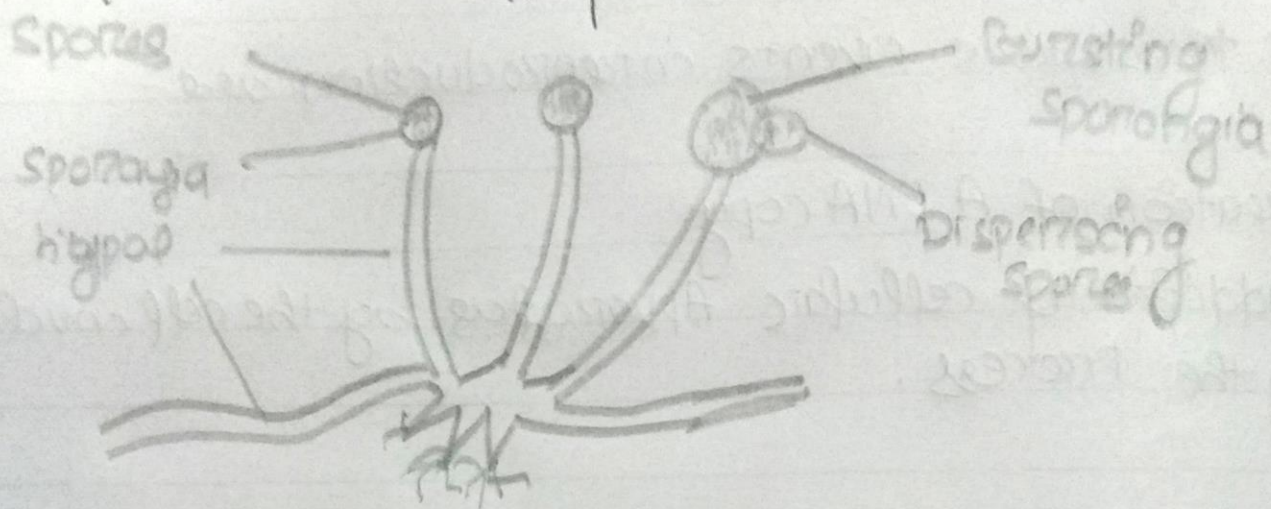
Two advantages of vegetative propagation:-

→ Plants raised by vegetative propagation can bear flowers and fruit earlier than those reproduce from seeds

→ This method is used to propagate plants like banana, orange, rose and Jasmine that have lost their ability to reproduce as seeds.

3. What's spore formation? Draw a Diagram showing spore formation in Rhizopus. List two advantages for organisms to reproduce themselves through spores.

Ans- ~~spore~~ The thread-like structures that developed on the bread in Plasmodium ~~or~~ are hyphae of the bread mould. They are not reproductive parts. It is called spore formation.



Spore Formation in Rhizopus.

advantages:

a) Spores helps in organisms to tide over bad phase.

b) large number of organisms reproduce in one sporangium.