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Assignment

1. How are fungi important to mankind?

Answer

- Ⓐ They are responsible for the production or decay of organic matter.
- Ⓑ They are important in food industry e.g. yeast.
- Ⓒ They are responsible for producing important antibiotics.

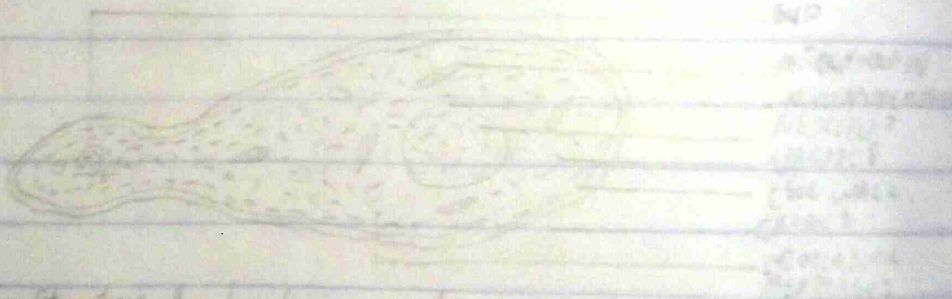
2. Illustrate the cell structure of a unicellular fungus with a well labeled diagram.

Answer

Unicellular Form of Fungi: Yeast (*Saccharomyces cerevisiae*)

Cell structure:

The cell structure is very nice. The cell organism is one of the most common of fungi. It is the part of view of its pore producing structure.



The structure of yeast or fungus is like a yeast.

3. Outline the sexual reproduction in a typical filamentous form of Fungi.

Answer

Filamentous Form of Fungi: *Hyphal structure*

It occurs when two mating types of opposite gender in the same medium or in succession in the two mating types of opposite gender. The hyphae are formed by a well known process called karyogamy. This process is called a karyogamy.

4. How do hyphae adapt to their environment?

Answer

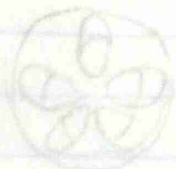
H/monocots

They have sources for water and nutrient absorption from the soil through the root body is divided into two or several parts.

Some other variations are that primary absorption occurs through the root hairs and not only through the pores between the internal parts of the plant.

Three types of vascular tissue: ① Eustele ② Atactostele ③ Spirostele ④ Diastele
Flower

Eustele: This is one vascular bundle, arranged in a circle, contains vascular bundles or stem



Atactostele: The vascular bundles are scattered irregularly and they are scattered.



Spirostele: The stem is a cylinder surrounded by pericycle. It is more advanced vascular system.

Diastele: In Spirostele, vascular supply to leaves associated with leaf axils and the secondary cortex.



Neutral to the axis of a primary vascular plant

Flower

Two sides of a vascular plant: Pith and

