

HOME Assignment

1. Name the information source of making proteins in the cell. State 2 basic events in reproduction.

~~1. Name~~ the information source of making proteins in cell is DNA. Two events are -

→ Creation of a DNA

→ Addition cellular apparatus by the cell involved in the process.

2. Explain vegetative propagation with the help of 2 examples. List advantages of vegetative propagation.

Ans: It is a method of asexual reproduction in which new plants are produced from the vegetative parts of the plant like stem, roots & leaves. For ex - Bryophyllum plants reproduce from its leaves & money plant grows from its stem.

Advantages:

→ Quick & more certain.

→ produces identical quality as the parent.

3. (a) What is Spore formation?

(b) Draw a diagram to show the spore forming in Rhizopus.

(c) List 2 advantages for the organisms to reproduce themselves through spores.

Ans: (a) Spore formation is a method of asexual reproduction. When sporeangia burst, minute single celled thin or thick walled structure called spores are obtained.

(c) Advantages -

- reproduction through spores is simple and as well as it is faster.
- the spores are light in weight & thus they keep float in the air. This helps in the dispersal of the organism.

(b)

