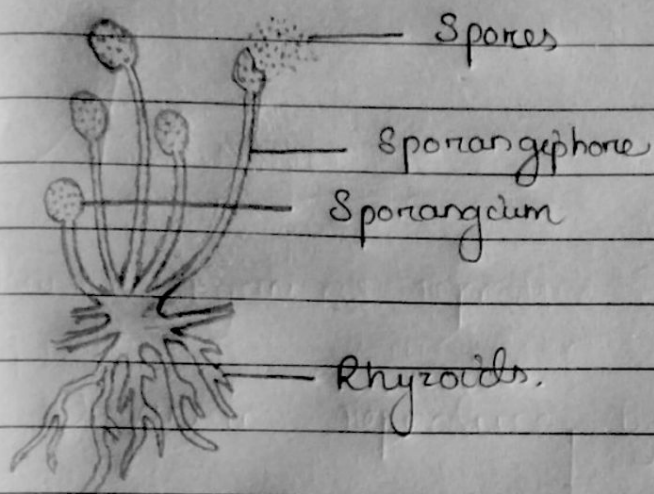


(b)



Spore formation in Rhizopus.

(c) Two advantages for organisms to reproduce themselves through spores are as follows:

- (i) It is a ~~fast~~ faster mode of reproduction.
- (ii) Offsprings produced are identical.

ASSIGNMENT

1- The DNA in the cell ~~in~~ nucleus is the information source for making proteins.

Two basic events of reproduction are:

- Formation of DNA
- Additional cellular apparatus by the cell involved in the process.

2- In vegetative propagation, new plants are obtained from the ~~parts~~ parts of old plants (stems, roots and leaves), ~~without~~ without the help of reproductive organs. Examples: Bryophyllum plant reproduces from its leaves and money plant grows from its stem.

3- (a) Spore formation mainly occurs in non-flowering plants like fungi, which is a type of asexual reproduction. A thousands of spores are produced by the plants which further grow into new plants. The organism doesn't require gametes.