



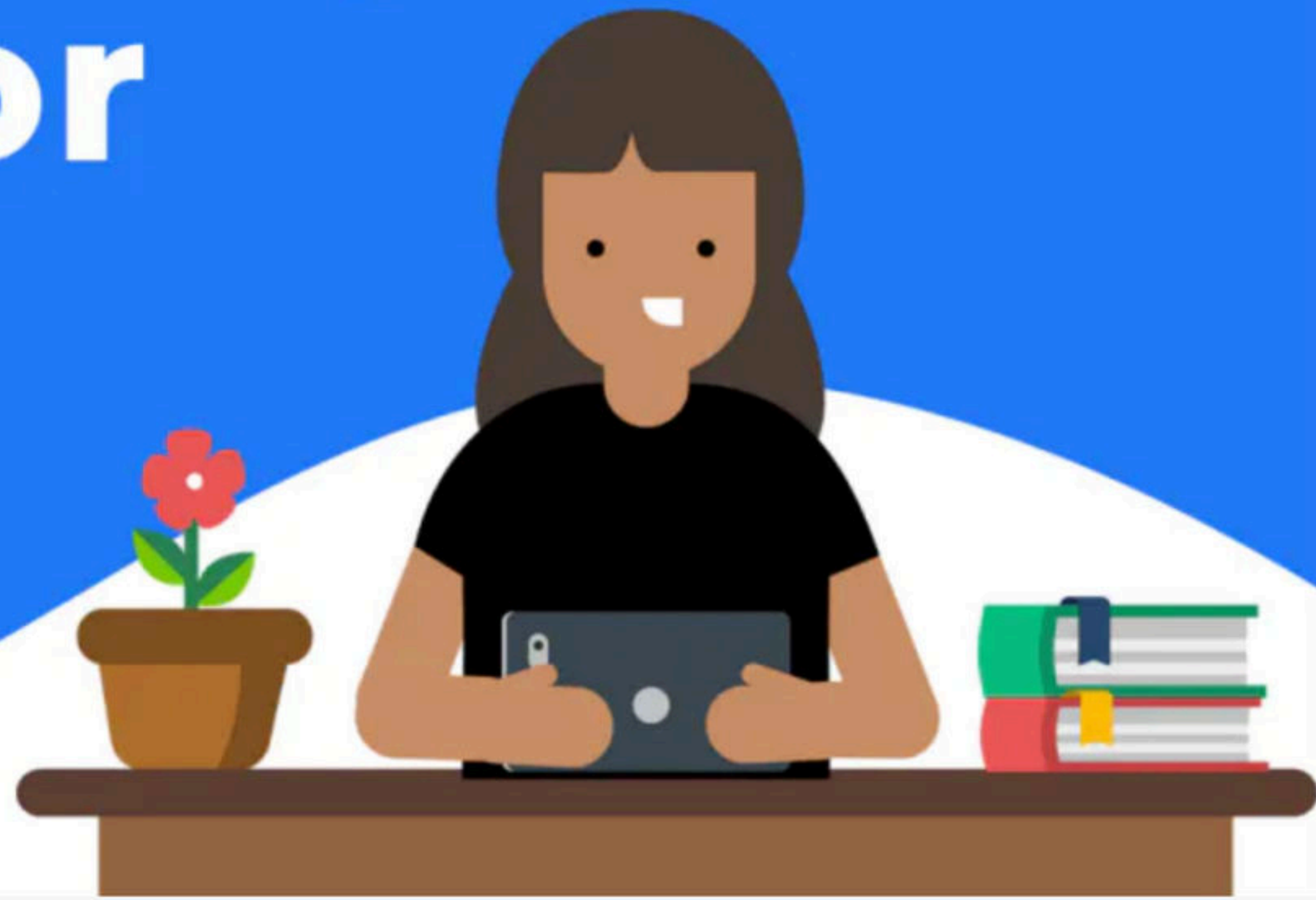
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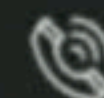
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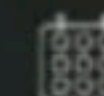
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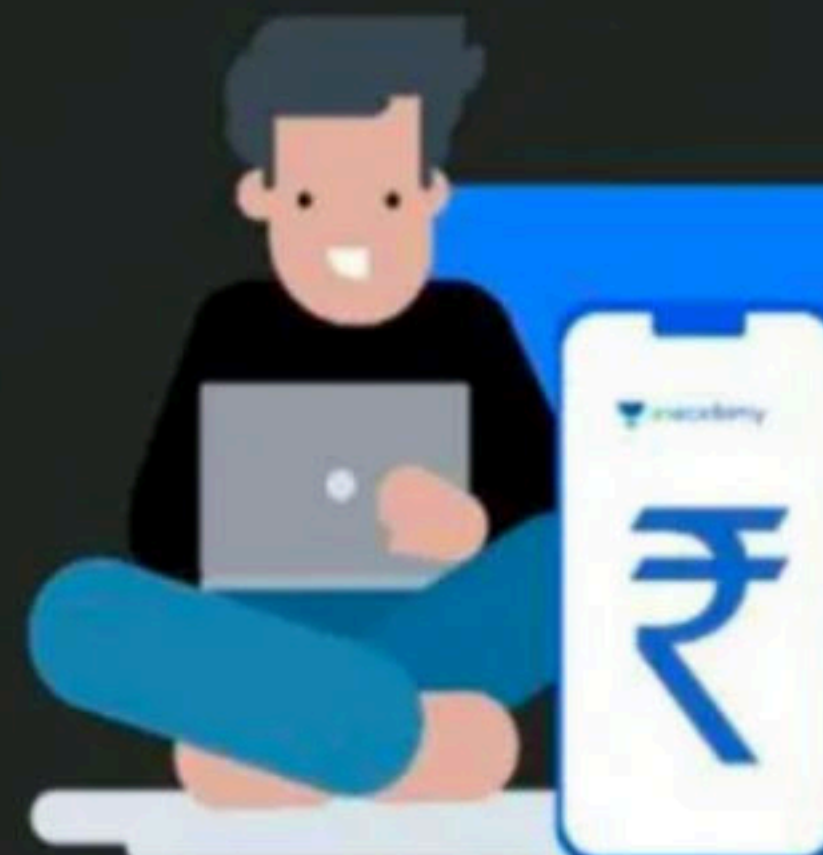
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Monday-Saturday, 10 Am-7 Pm



**FOR NEET
2022 & 2023
ASPIRANTS**

TO KNOW MORE ABOUT OUR LOAN OPTIONS, PLEASE FILL THE ATTACHED FORM



NEET UG

RISE AGAIN

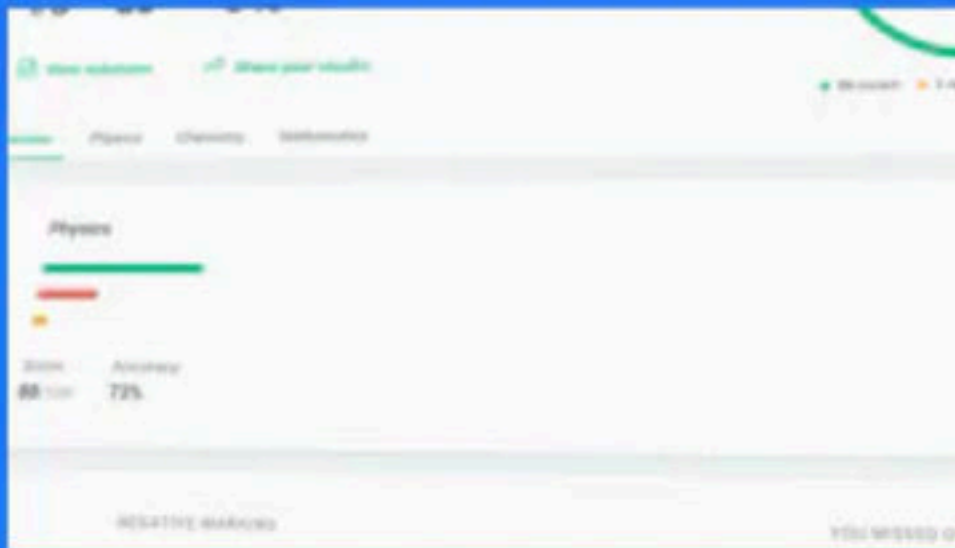
SPECIAL PRICE WEEK



Special Price at 10% off + Additional 10% off*

Offer valid till 17th September

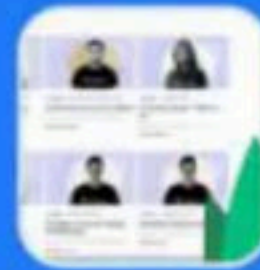
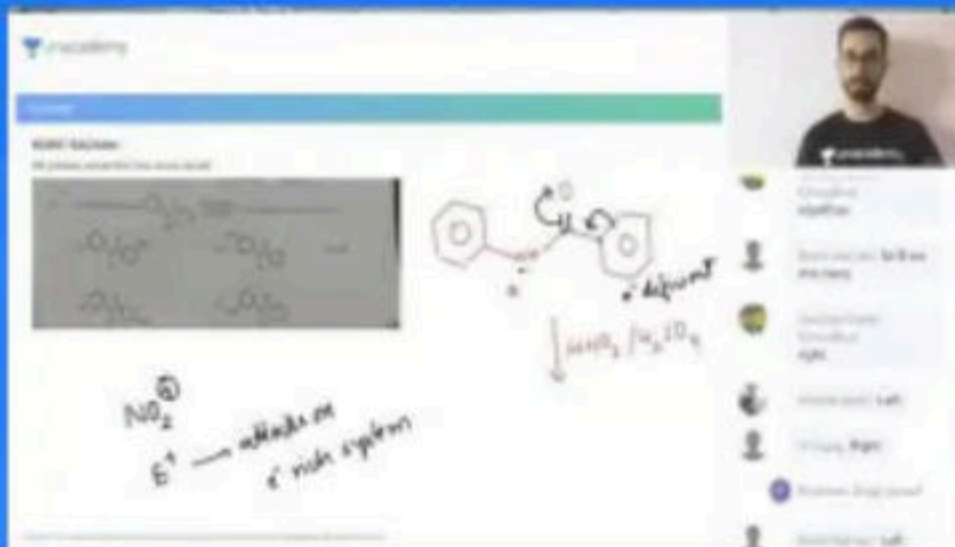
*t&c's apply



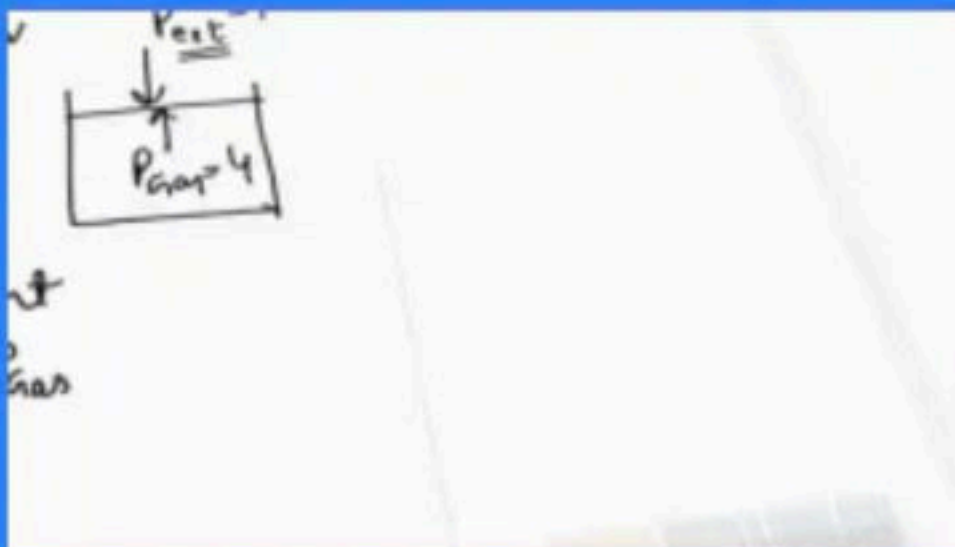
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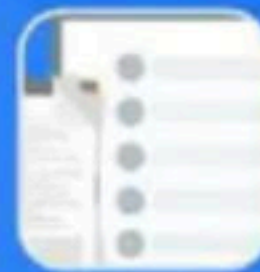
India's best educators



Interactive Live Classes



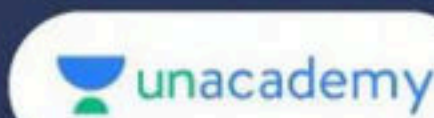
Live Tests & Quizzes



Structured Courses & PDFs



* Early Super Achiever
* 4 classes
8:30PM-9:30PM



NEET UG

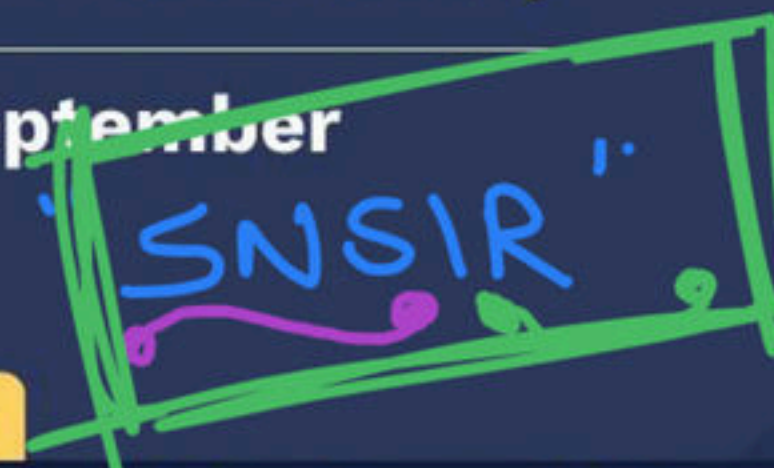
SUPER ACHIEVERS BATCH

FOR NEET 2022 (DROPPERS BATCH)

Starts on 29th September

Educators

Prateek Jain | Shubh Karan Choudhary | Ajay Kumar Mishra
Ramesh Sharda | Dr. Amit Gupta | Sandeep Nodiyal



Bot. classes

2-oct

TTS @

9:30AM

11th then
12th

KINGDOM - FUNGI :-

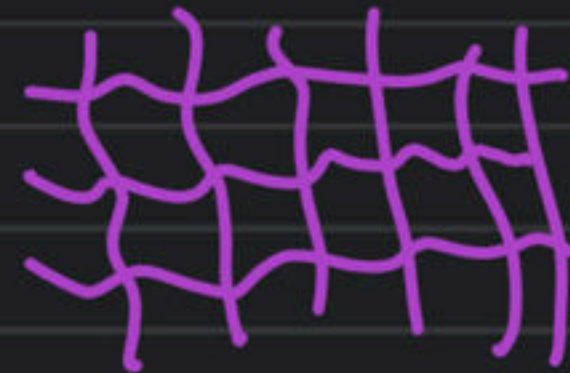
- Diverse - in morphology & Habitat
- cosmopolitan
- Eukaryotic, thalloid Body, achlorophyllous, Heterotrophic, spore producing
- preferred - Hot; humid condition or warm.

General character :-

1. cow dung - coprophilous fungi
Bark - tree - Corticolous fungi
Wood. - Epixylic fungi
Keratin - Keratinophilous fungi
Burnt wood - xylophilous fungi

2. Fungi Body is filamentous & the Body is known as → Hyphae & the Net of hyphae is called Mycelium

Fungi is HAPLOID



3. Unicellular - s ynchytium, yeast

. filamentous - Rhizopus, mucor

- Macroscopic - Mushrooms
Edible

- Poisonous - toad stools

4. Cell-wall - made up of chitin (fungal cellulose)

↓
Polymer of N-acetylglucosamine
(NAG)

(Phycomycetes)
* Oomycetes

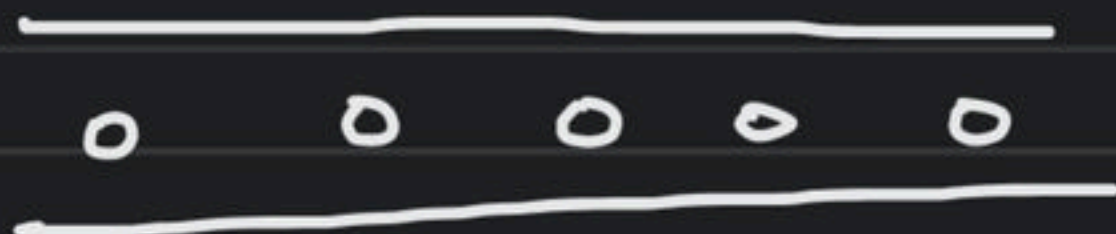
member cell wall - cellulosic

5. food Reserve - Glycogen - OIL.

6.

HYPHAE / Mycelium

Aseptate - Phycomycetes



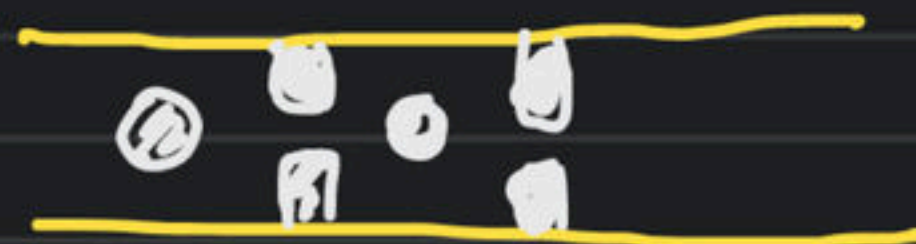
Septate



Multinucleated
condition → coenocytic
condition

Simple
Pore
septa

Asco / Deuterom



outgrowth
clamp
connection

Dolipore
septa

Basidiomycetes



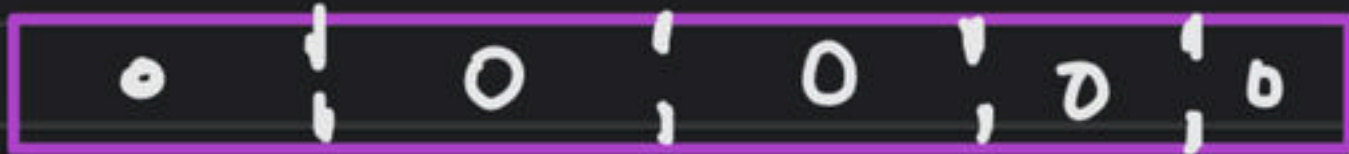
Through septal pore the cytoplasm remain connected with each & the Nucleus separation will be carried out through septa.

7.

Mycelium



Primary mycelium



1 cell = 1 Nucleus

cell - Monokaryotic cell

condition - Monokaryotic condition

secondary mycelium



1 cell = 2 Nucleus
Dikaryotic cell OR
Dikaryon

- Dikaryotic condition

Diakaryotic stages -
short duration - Ascomycetes
Prolong condition - Basidiomycetes

8. In fungi the mitosis which occur in somatic cell is a KARYOCHORISIS - type.

आम गी-सुत - General

मेन्टस गी-सुत

- Nuclear memb. disappear
- spindle fibres formed in cell.

- Do not disappear

- spindle fibres formed inside nucleus
Intranuclear spindle formation.

9. Fungi - Life cycle

(A) Vegetative phase

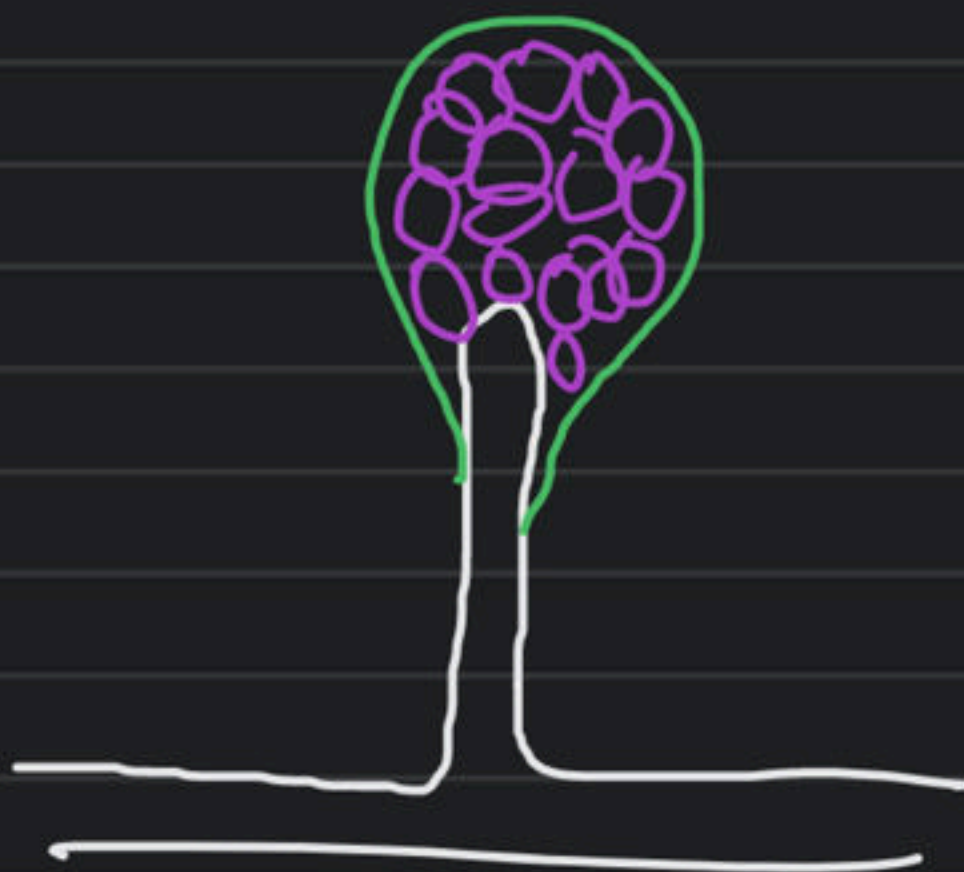
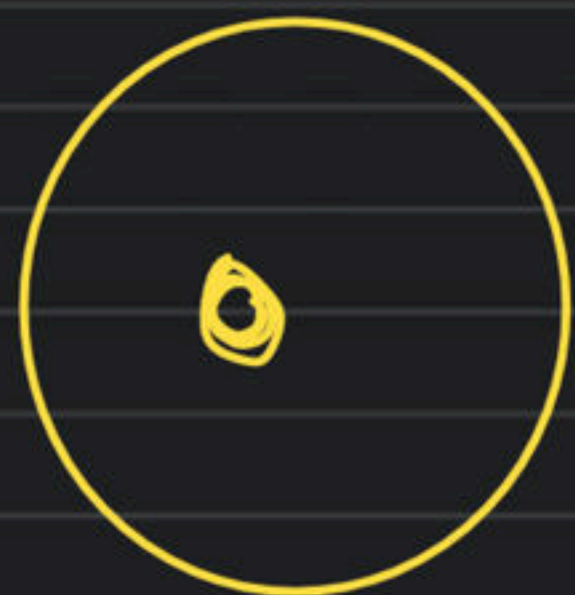
- Fungi GROW
- Remain hidden inside substrate

(B) Reproductive phase

- fungi formed fruiting Body
- appear over substrate as - Cottony GROWTH.

on basis of fruiting Body formation

1. **Holocarpic** - complete Body converted into Rep. structures
2. **Eucarpic** - only part of Body form - Rep. structure



10. Mode of Nutrition - Saprophytic, Parasitic, symbiotic
Heterotrophic
dead-organic
matter

* vegetative · Reproduction :-

