

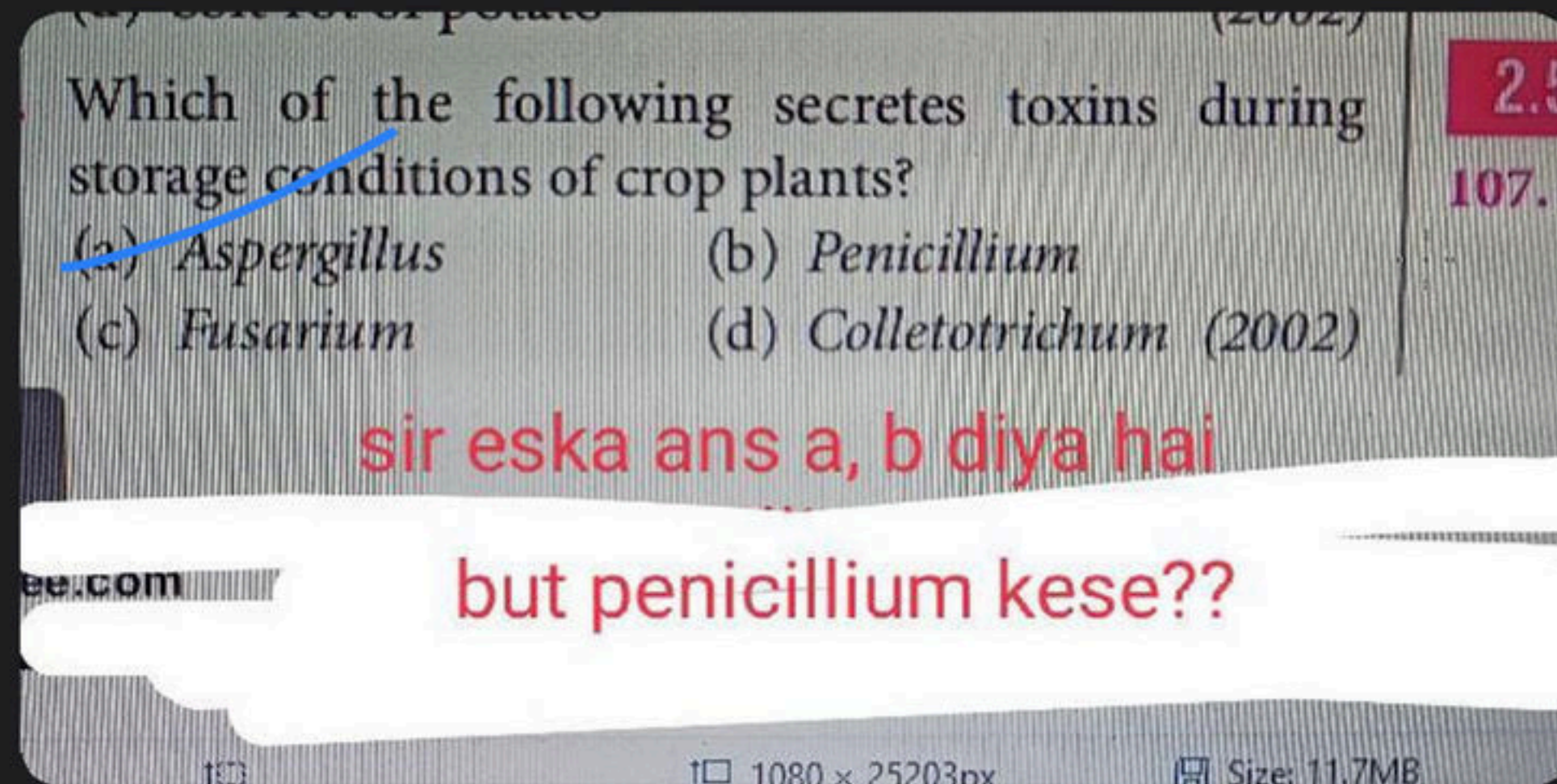


Doubt Clearing Session

Bridge Nurture Course on Kingdom Protista

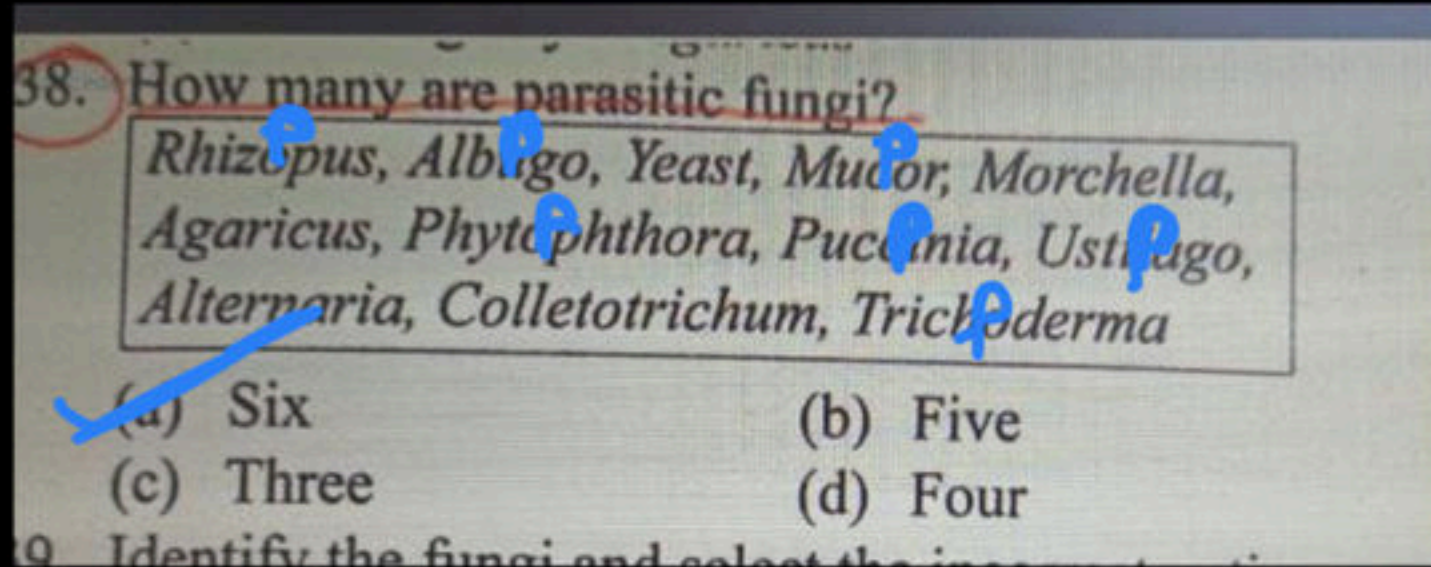
▲ 1 • Asked by Shrutibodk...

Please help me with this doubt



▲ 1 • Asked by Shrutibodk...

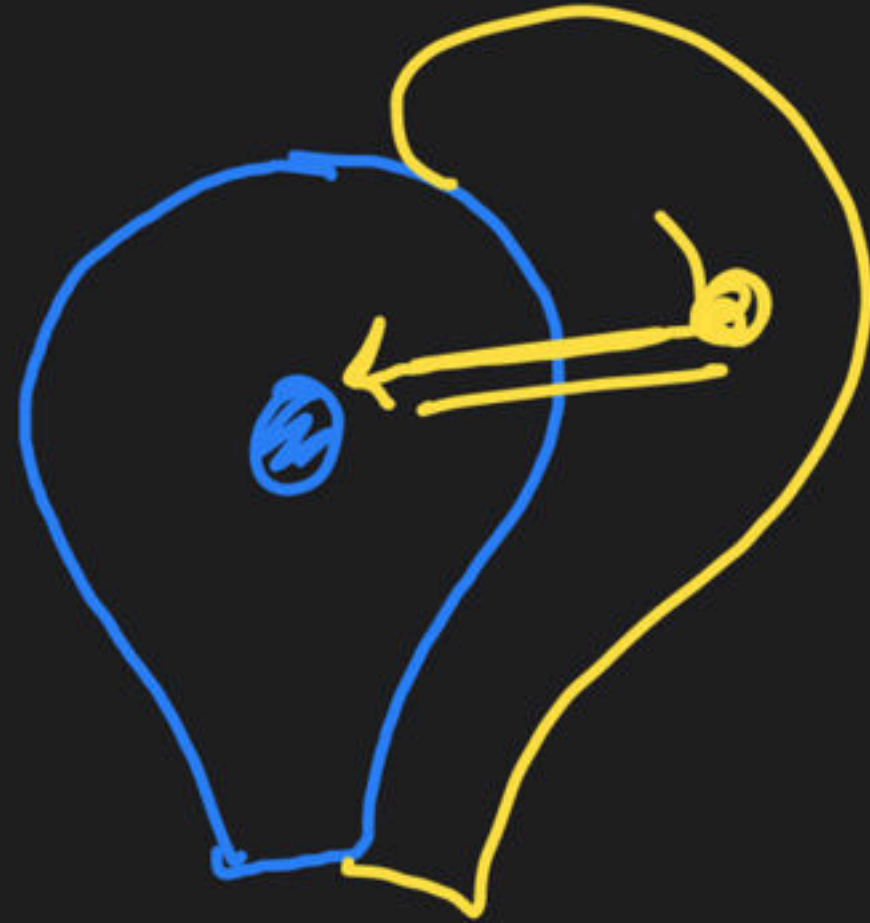
Please help me with this doubt



sir per esa ans kya hoga
aapne kaha tha bad Mai
dekhege

▲ 1 • Asked by Rupesh

Sir ek bar gametangial contact bata dijiye



▲ 1 • Asked by Sakshi

Is this necessary to attend mock test sir????

No

yes

▲ 1 • Asked by Rupesh

Chlamydospore endogenous hai ya exogenous hai sir

▲ 1 • Asked by Ankush

sir, LOMASOMES kaya ha

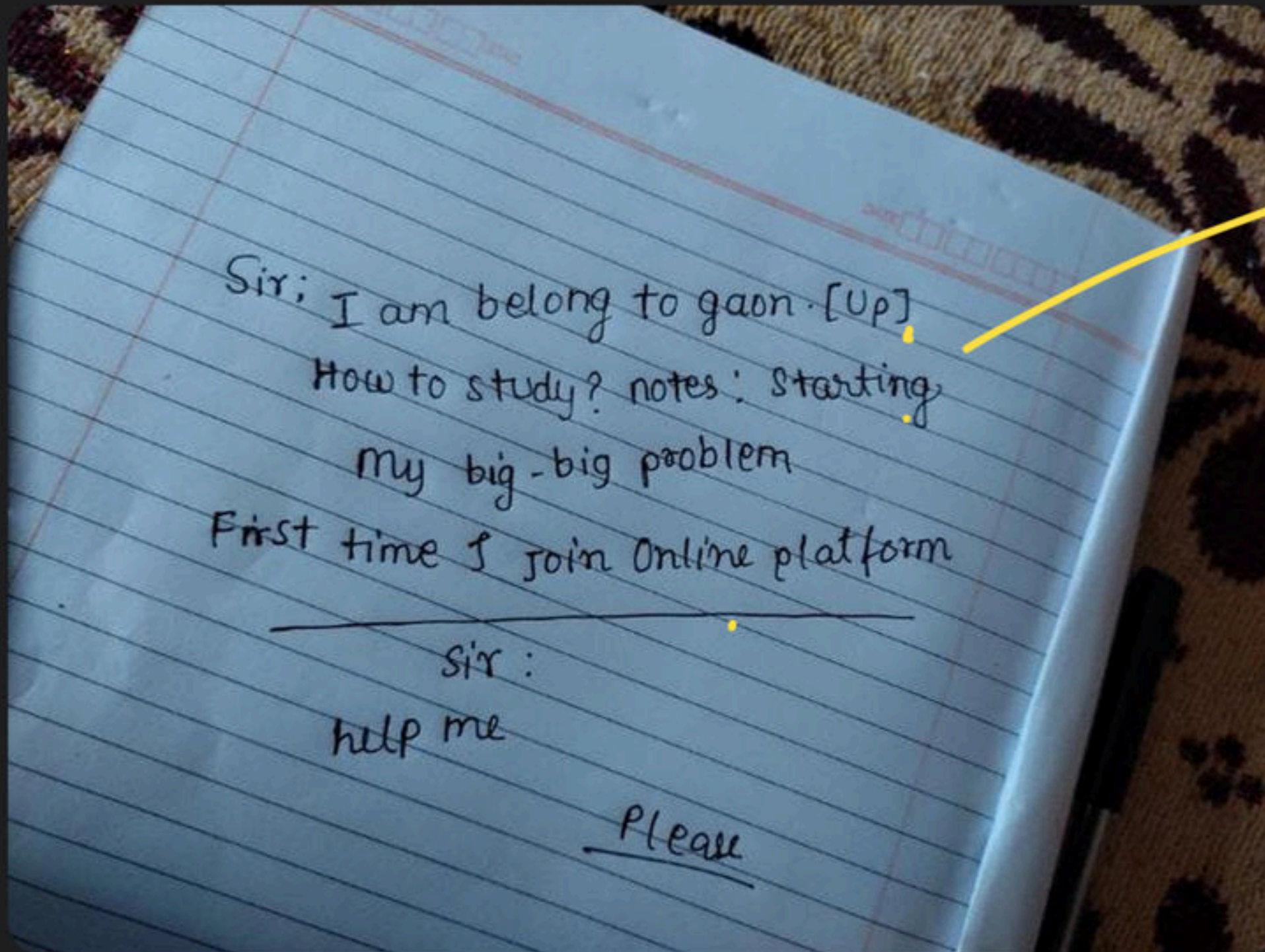
likha ha ...yaha wala chese fungi ka cell wall formation

karta ha?????

is it right?

▲ 1 • Asked by Aditya

Please help me with this doubt



▲ 1 • Asked by Kavya

Sir "Zoosporangia" kahan form hota hai? (Jaise sporangia sporangiophore par hota hai)



▲ 1 • Asked by Archie

sir , maine aapke classes kal se start kiye h ...mai new student hu ..to sir mujhe doubt tha ki kya aapke do courses ek sath chal rahe h kya parallerly ??

NO

Backlog

6 IS TTS

▲ 1 • Asked by Ankush

SIR , mena mera book maa FALSE YEAST named ki ak
fungi dakhayaa kaya chese ha ??????

~~Yeast~~
~~?endo-hyphae~~

▲ 1 • Asked by Aditya

Sir ham new h course kaise begin kare sir please help me...

A hand-drawn blue line that starts below the text and extends diagonally upwards and to the right across the page.

▲ • Asked by Nayan

Sir pls explain complex, post fertilization in red algae

12th

▲ 1 • Asked by Gouri

slime moulds ka group konsa hy

PROTISTA

▲ 1 • Asked by Khushi

Sir,succession mtlb kya hota hai/

▲ 2 • Asked by Ankush

sir ,

what is HAUSTORIUM ????

mylar

sucking organ

▲ 3 • Asked by Kumarkaran

Sir har 1 asexual spore ka shape pear ya kidney shape hi hooga ?

▲ 1 • Asked by Akhilesh

Sir dono ek sath bhi ho sakte hai kya

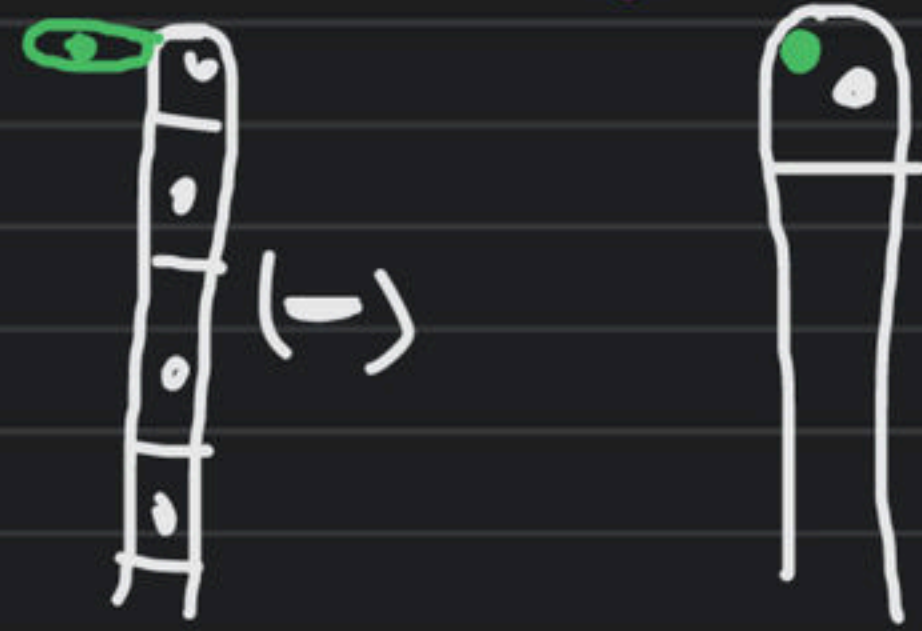
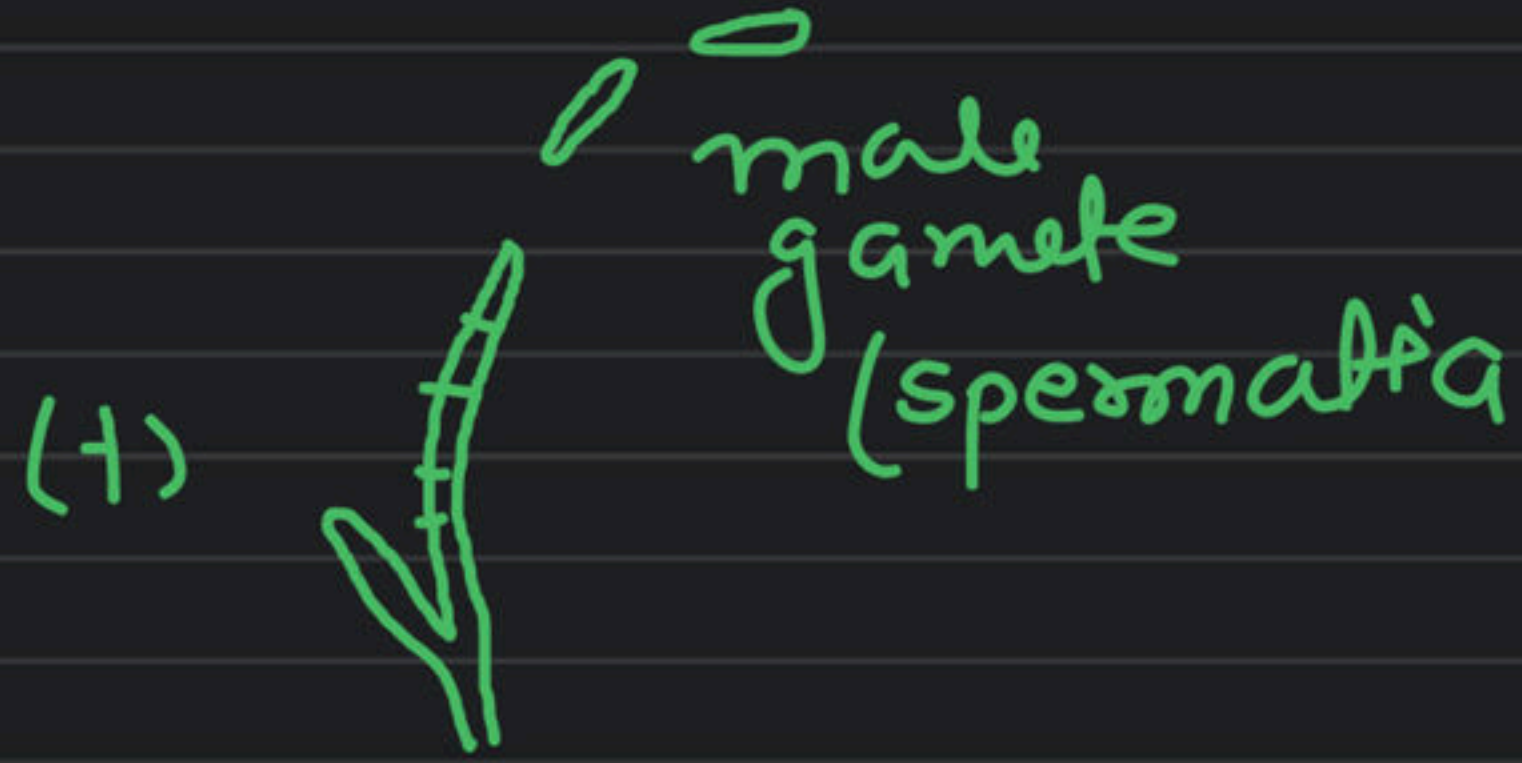
Plasmogamy :-

1. Planogametic copulation -
2. Gametangial contact -
3. Gametangial copulation -

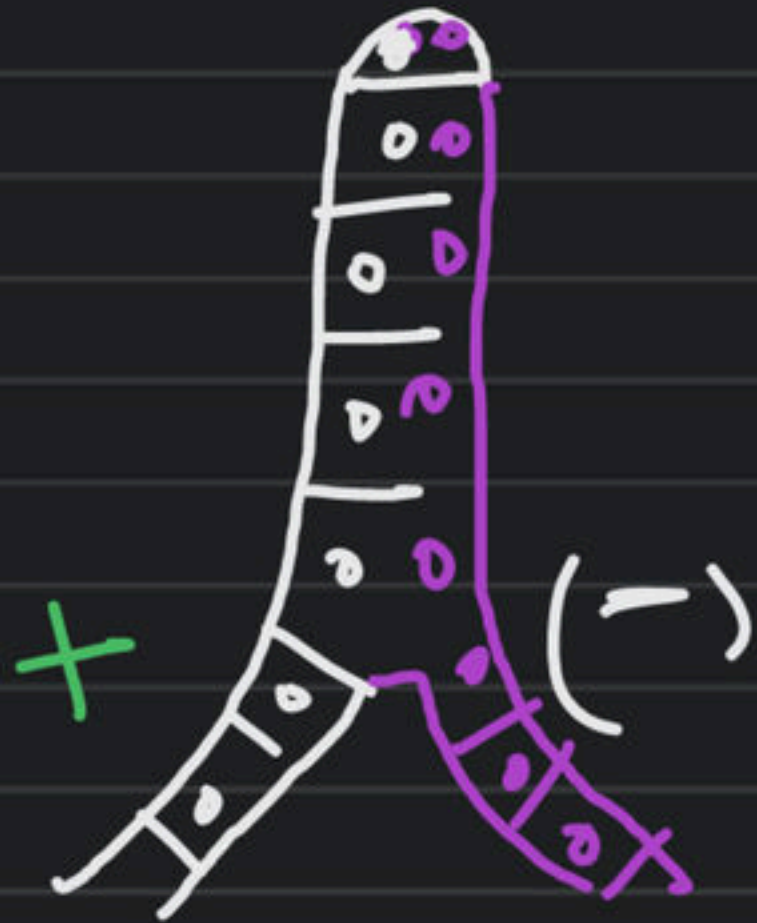


Diakaryotic cell

4. Spermatization :- most common in the member of Basidiomycetes



(5) Somatogamy :-
eg Agaricus



Sexual Rep in fungi

1. Plasmogamy. Result of plasmogamy is Dikaryotic cell



2. Karyogamy :- fusion of Nucleus

Immediate \rightarrow Phycomycetes

After some time \rightarrow Ascomycetes

After Delayed time - Basidiomycetes

Result of Karyogamy \rightarrow Diploid cell - Zygote

3. Meiosis



zygote

Meiosis



spores

Germinate

Hypae

SEXUAL - spore. in fungi :-

Oospore, Ascospore, Basidiospore

↓
Ascomycetes

↓
Basidiomycetes

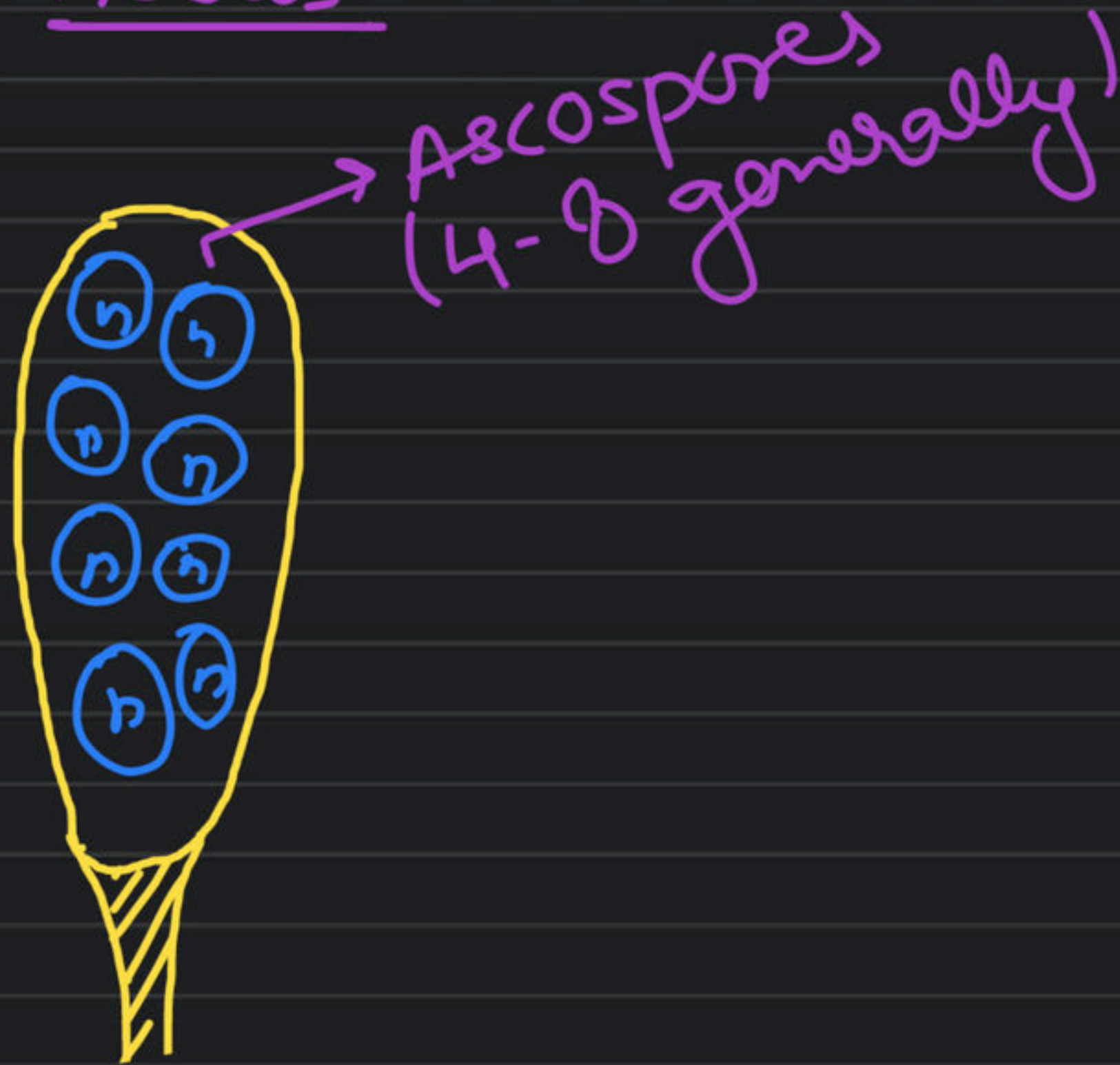
fruiting - Ascocarp
Body

Basidiocarp

Unit - Ascus (singular)
Asci (Plural)

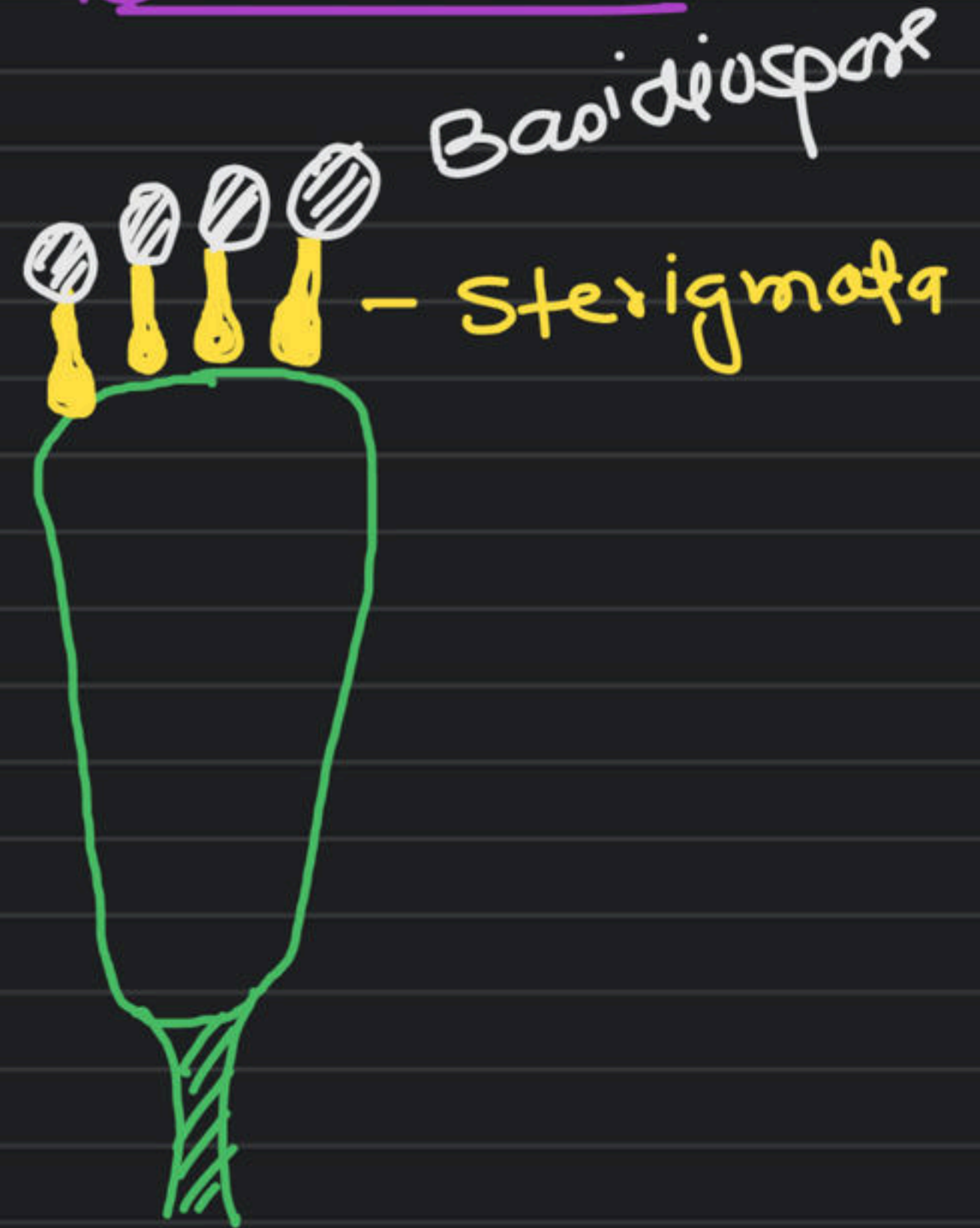
Basidium
- Basidia

Ascus



- Endogenous
- Non-motile

Basidium



- Exogenous
- Non-motile

On the Basis of

* Morphology of Mycelium

* Mode of Spore formation

* fruiting Body

classes

1. Phycomycetes - subclasses -

Oomycetes

Zygomycetes

2. Ascomycetes

3. Basidiomycetes

4. Deuteromycetes

PHYCO-Mycetes

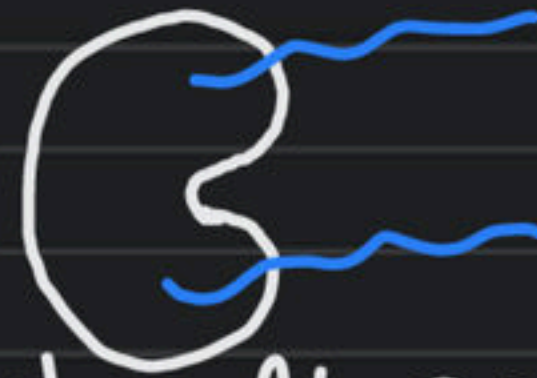
1. Oomycetes (Algal fungi)

1 cellulosic cell wall

2. Mycelium - Unbranched - Aseptate - coenocytic.

3. Mostly members are Aquatic

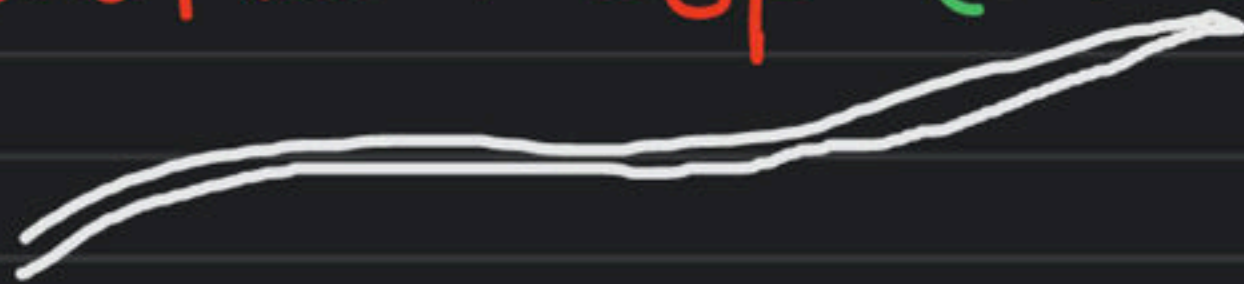
4. Asexual spore - Zoospore



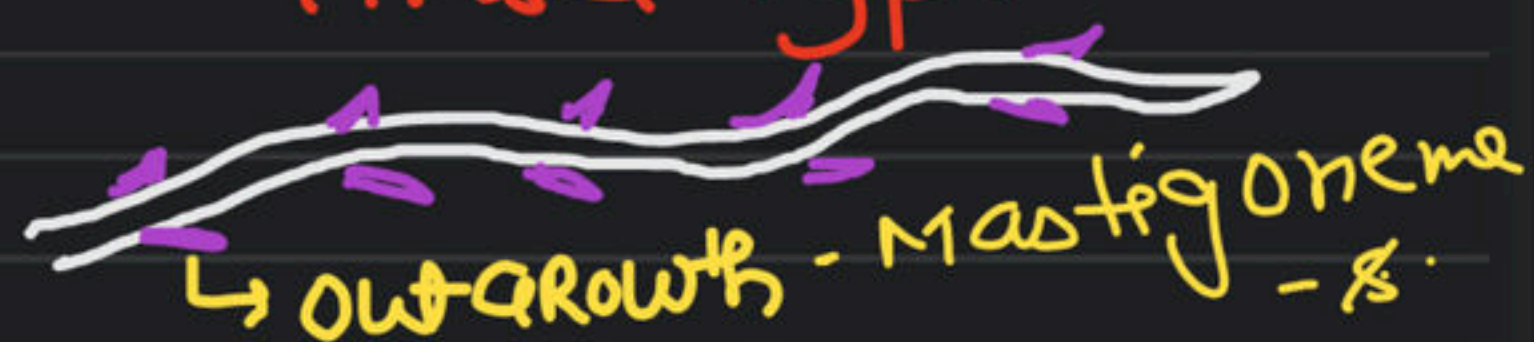
- 2 Lateral flagella

5. Heterokont flagella - 2 different flagella

Whiplash type (smooth)



Tinsel type



↳ outgrowth - Mastigoneme - 8.

6. Plasmogamy - Gametangial contact
7. Karyogamy - Immediate
8. Diploid - oospore. (site of meiosis)

Members of oomycetes :-

Phy ne Late Pay Kiya.
Phytophthora infestant - Late blight potato (Irish famine)
Alag se Kursi par white SPOT kar diya.

Albugo candida - white rust of crucifer

Phir daba kar tomato, chilli, castor, Mustard - seedling
Pythium debaryanum - " " " " - seedling
ko damping off Kar diya damping off disease

