



Protista - IV

Bridge Nurture Course on Kingdom Protista

“Be stronger than excuses”



Sandeep Nodiyal (Botany)

Ex Aakash institute, Ex Career point, Ex VMC institute

Experience of 8+ years

“Motivate thousands of students to achieve their dream medical college....”



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HINDI CELL STRUCTURE & FUNC...

THE CELL (IN DETAILS)L-4 WITH
QUESTION PRACTICE . NEET...

Ended on May 9, 2020

Sandeep Nodiyal



HINDI PLANT PHYSIOLOGY

MOCK TEST COMPLETE
BOTANY(CLASS 11 & 12TH) NEET...

Ended on May 8, 2020

Sandeep Nodiyal



HINDI CELL STRUCTURE & FUNC...

THE CELL (IN DETAILS)L-3 WITH
QUESTION PRACTICE . NEET...

Ended on May 8, 2020

Sandeep Nodiyal



HINDI CELL STRUCTURE & FUNC...

THE CELL (IN DETAIL)L-2 NEET
2020/2021

Ended on May 7, 2020

Sandeep Nodiyal



HINDI CELL STRUCTURE & FUNC...

THE CELL(IN DETAIL) NEET
2021/2022

Ended on May 6, 2020

Sandeep Nodiyal



HINDI PLANT PHYSIOLOGY

AMBITIOUS MOCK TEST PRACTICE
FULL SYLLABUS NEET 2020

Ended on May 5, 2020

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PLUS NEET UG Subscription

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 USE PROMO CODE TO GET 10%OFF SNSIR OR SNSIRLIVE		

Botany topics of class 11th

- ☐ Living World
- ☐ Biological classification
- ☐ Plant kingdom
- ☐ Morphology of plants
- ☐ Anatomy of plants
- ☐ Cell
- ☐ Cell cycle
- ☐ Transportation in plants
- ☐ Mineral nutrition
- ☐ Photosynthesis
- ☐ Respiration in plants
- ☐ Plant growth & Development
- ☐ Biomolecules

Botany topics of class 12th

- ☐ Reproduction in organism
- ☐ Sexual reproduction in flowering plants
- ☐ Genetics and variations
- ☐ Molecular basis of inheritance
- ☐ Microbes in human welfare
- ☐ Strategies in food enhancement (Plants part)
- ☐ Organism and populations
- ☐ Ecosystem
- ☐ Biodiversity & its conservations
- ☐ Environmental issues
- ☐ Biotechnology & its principle

Enthuse (12) - Evening (NEET 2022)
Main batch

Starting 3 Sept Aug to 30 Sept
MWF @ 7:15 PM

Topic :-Molecular Basis Of inheritance
Part 2

Use referral code “SNSIR”

Enthuse (12) - Backlog Bridge course (NEET 2022)

MWF@12 PM
Starting - 3 sept to 29 sept

Topic :-Sexual reproduction in Flowering
plants- part 2

Use referral code “SNSIR”

11th class Nurture (NEET 2023)

TTS @ 6:15 PM

Started on:- 4 Sept to 30 Sept 2021

Topic:- Plant Kingdom

Use referral code “SNSIR”

11th class Nurture Bridge course (NEET 2023)

MWF @ 10 AM

Started on:- 3 Sept to 29 Sept 2021

Topic:- Protista (Backlog)

Use referral code “SNSIR”

Dropper Achievers batch (NEET 2022)

TTS@ 10:00 AM

Started on:- 11 Sept to 30 Sept

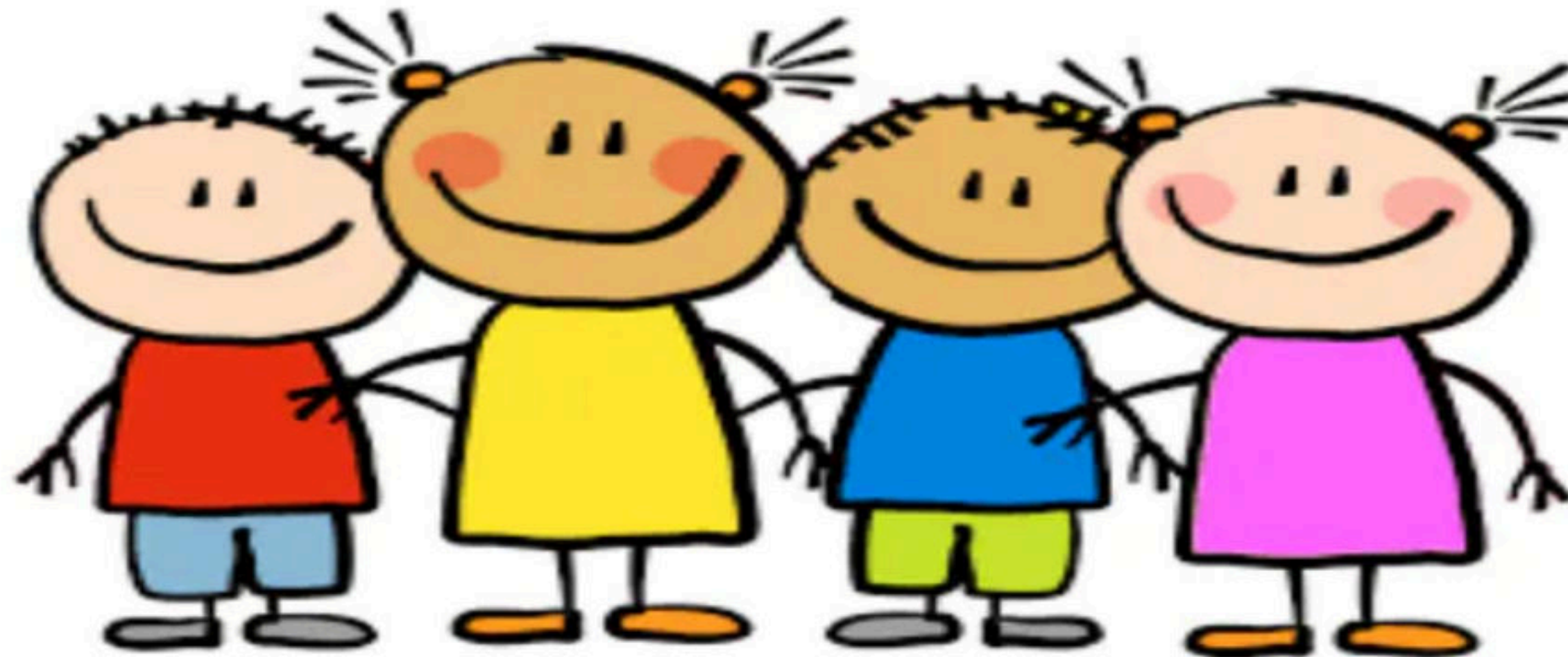
Topic :- Genetics and Variations part 2

Use referral code “SNSIR”

“ASK YOUR DOUBTS”

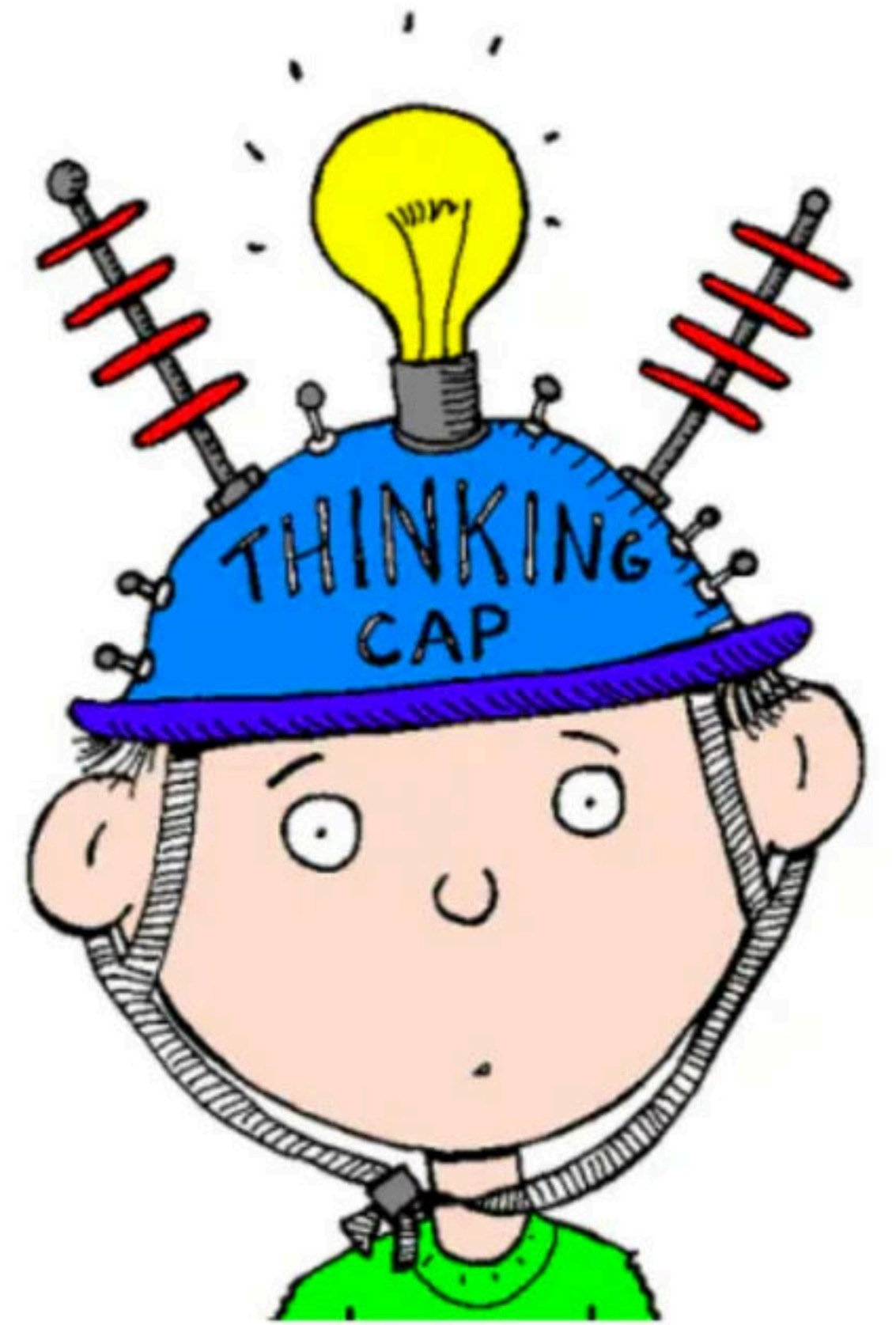
ON Doubt session IN BETWEEN COURSES

ASK ME ANYTHING OF ANY TOPIC **IN SPECIAL CLASS SESSIONS** NAMED AS **“ASK YOUR DOUBTS”** REGARDING UNACADEMY, REVISION, HOW TO STUDY ANYTHING



सोचने का काम कम कर पढ़ाई
ज्यादा कर!!!

❖ Notes, DPP, ncert underlines are provided by
me Only when the chapter completed In
update section



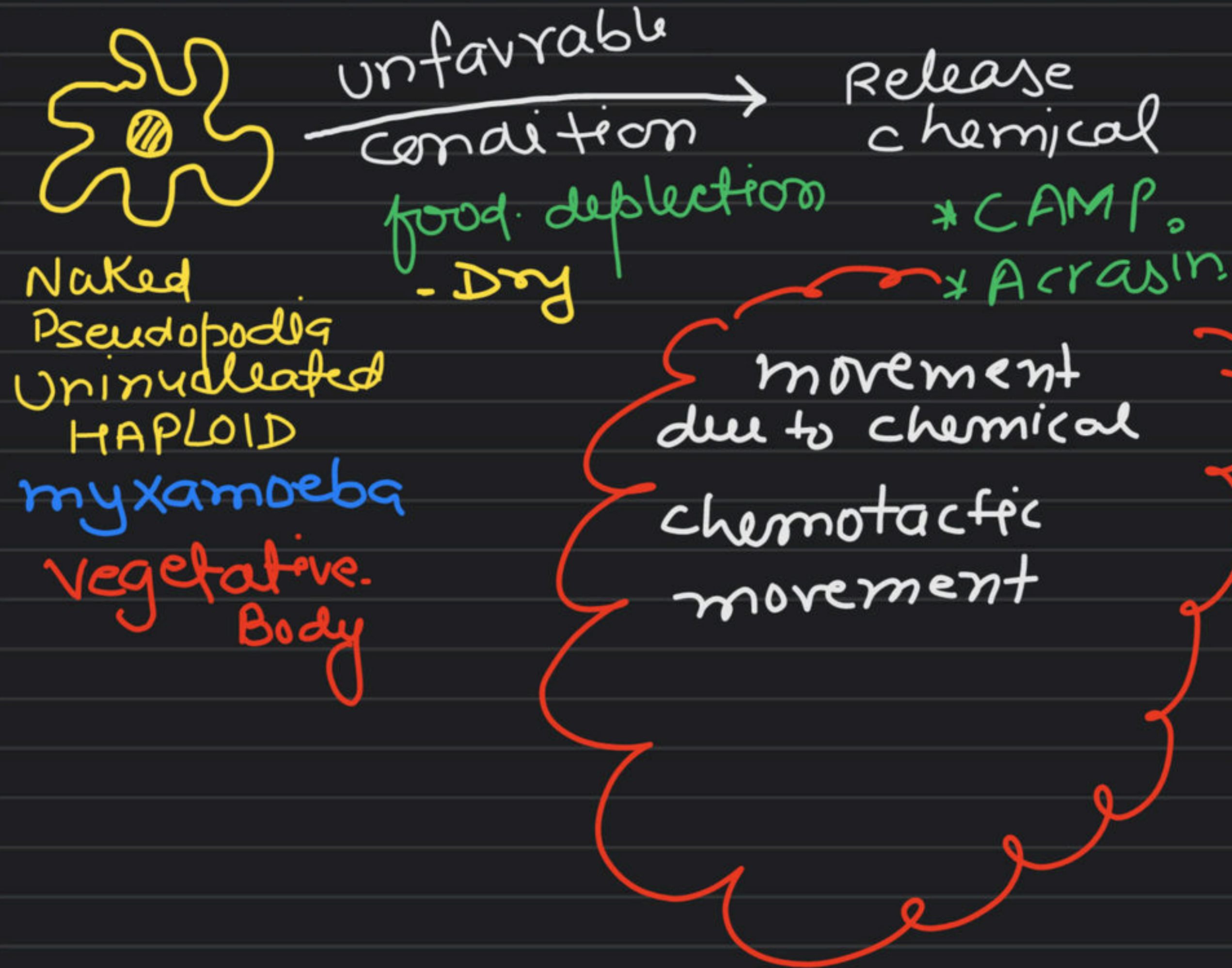
Steps to be Followed If You want to study in my guidance 😊

- 1. Complete focus on your lectures**
- 2. Ask your doubts in doubt sessions Only**
- 3. Learn class notes Properly**
- 4. Learn underline portion of ncert provided by me**
- 5. Do DPP**
- 6. Faithfully give the test taken by me**
- 7. Give any test Of any educator or practice any MCQ book. (Quality check)**

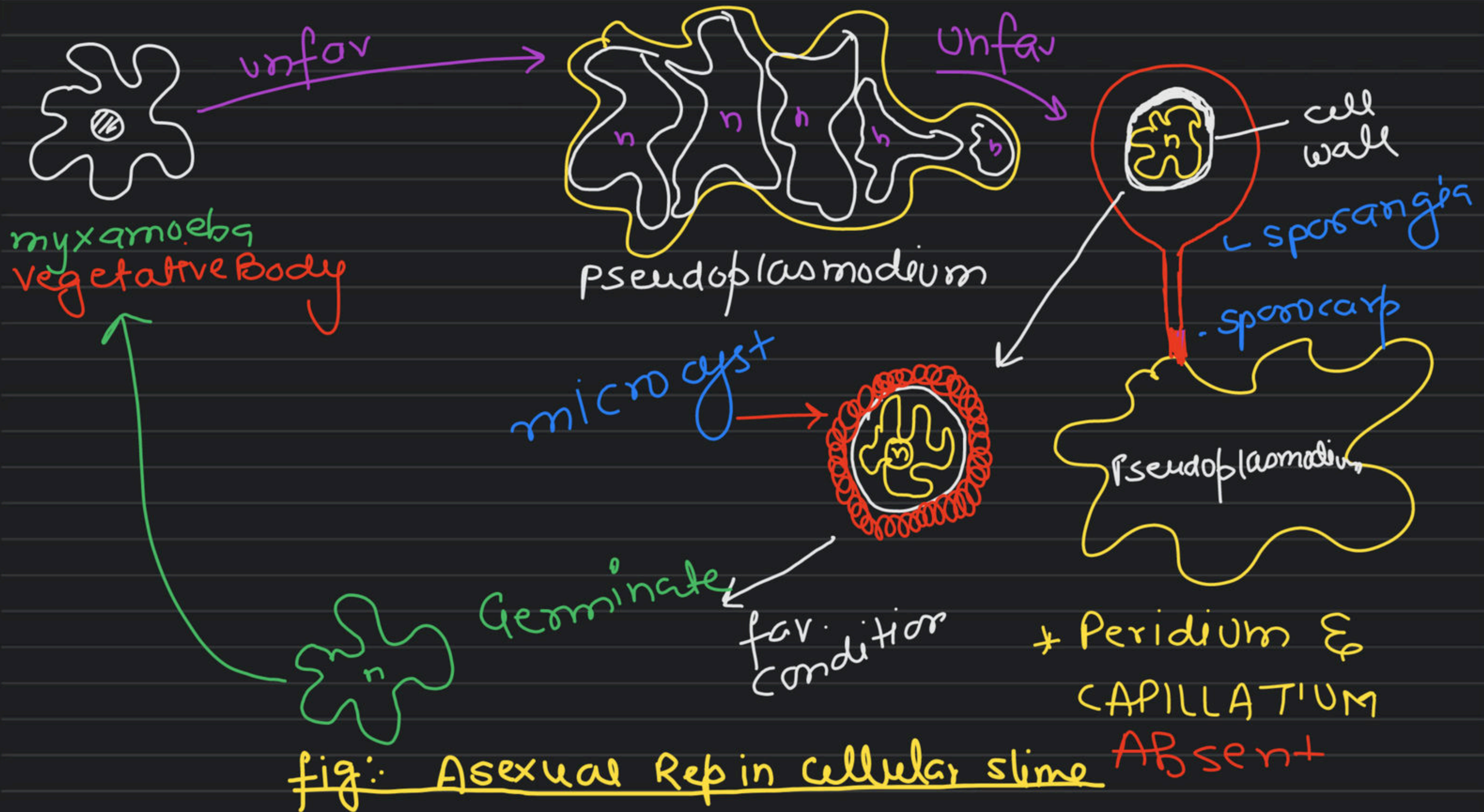


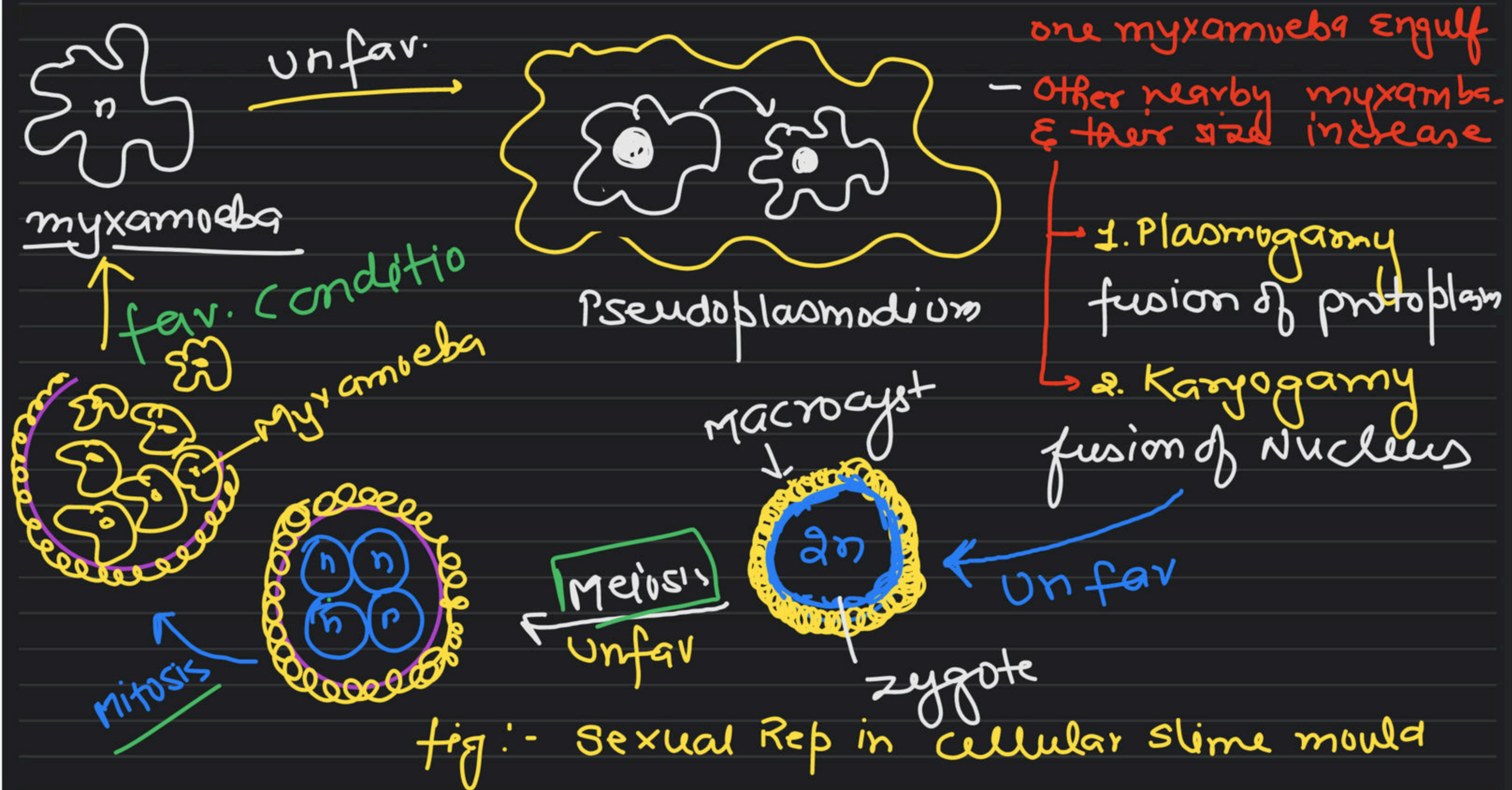


cellular slime mould:- communal slime mould.

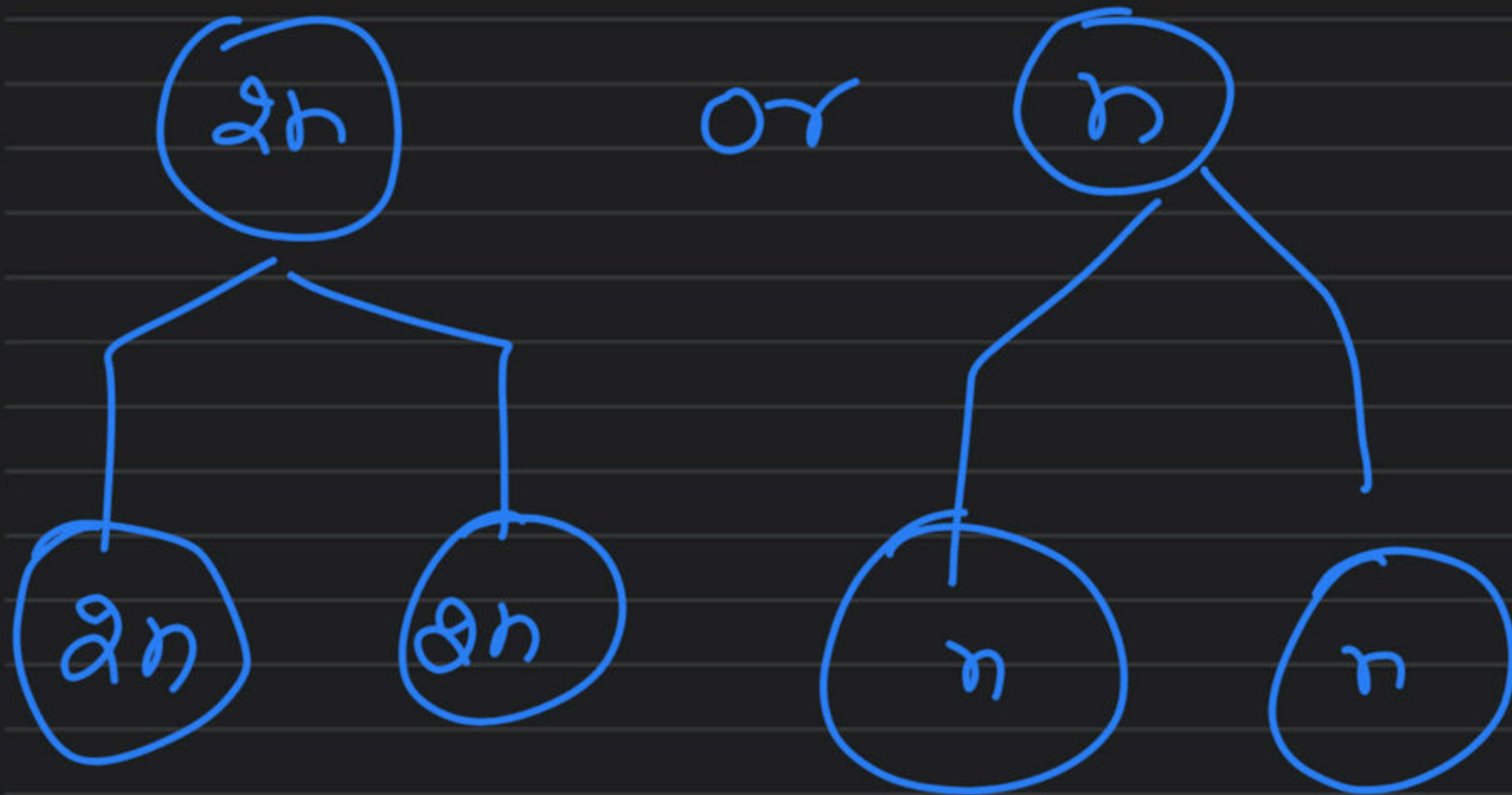


- Pseudoplasmodium
 - Division of Labour
 - first Multicellular structure in Nature
- Advanced protist
& Primitive fungi

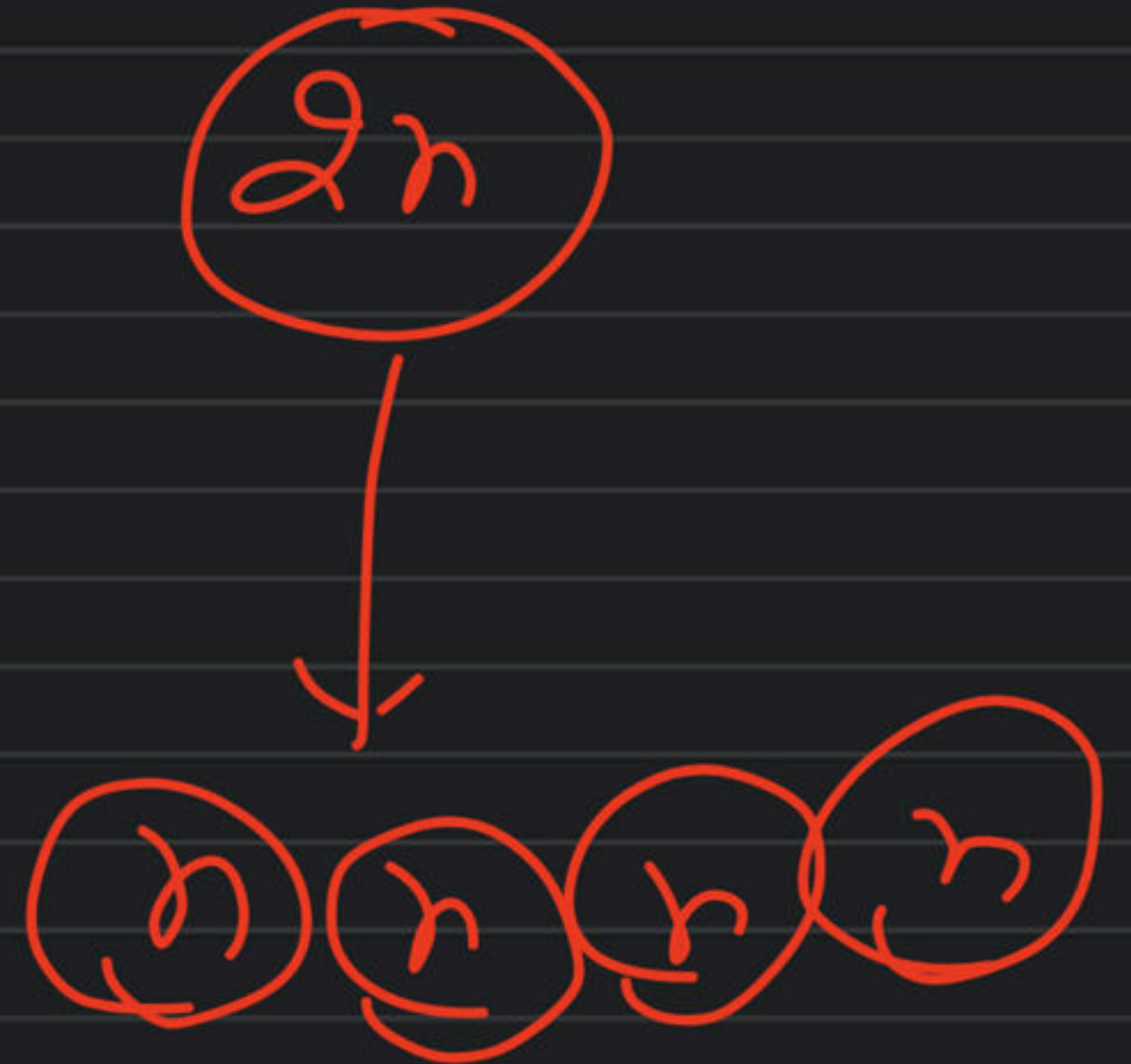




Mitosis / Equational
cell division



Meiosis



cellular-slime

Eg. Dictyostelium, polysphondylium

slime mould

- * Plant → spores having cellulosic cell wall
- * Animal → cell wall Absent in vegetative body
- * fungi → fruiting Body formation

PROTISTA

1. Photosynthetic ✓

(±) Living → 3PM

2. Consumers ✓

3. Protozoans

PROTOZOANS :

of Animals

Believed to be the primitive Relative

SARCODINES OR Amoeboid	Flagellates	ciliates	SPOROZOANS
Pseudopodia	flagella	cilia	Non-motile
• Mariner form Have silica shell	- Rare - sexual Reproduction	- Mouth like gullet - Annus like - cytophyge	Infectious spore like stage in life cycle
Amoeba, Entamoeba cause dysentery	Trypanosoma (sleeping sickness)	Paramecium	Plasmodium - Most Notorious causing Malaria
Aquatic moist-soil free living, few parasite	free / Aquatic Parasitic	- fresh / Marine few parasitic	All Endo- Parasite

* sporozoans have drastic effect on population size.