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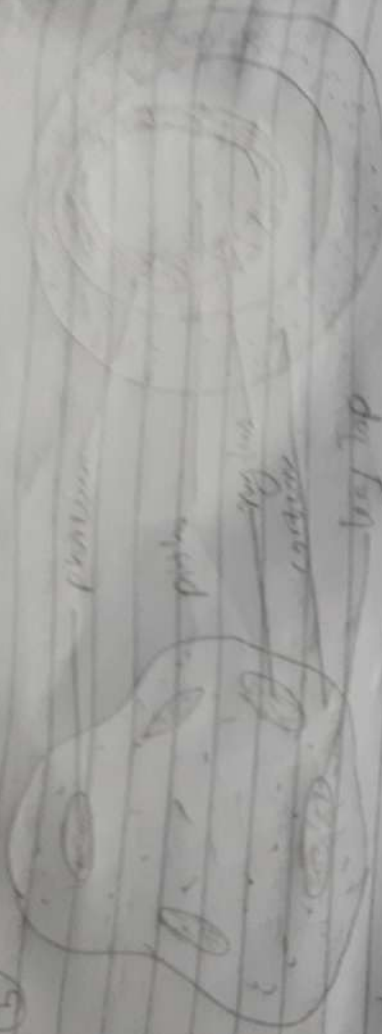


Diagram of stem

Diagram of stem



STEM



MATURE PLANT

DEVELOPING PLANT

LIFE CYCLE OF PRIMITIVE VASCULAR PLANTS



③ Sexual reproduction in fungi undergoes three phases

- ⇒ Plasmogamy
- ⇒ Karyogamy
- ⇒ Meiosis

• Plasmogamy: This is fusion of two protoplasts which bring together two compatible haploid nuclei

• Karyogamy: It is fusion of two haploid nuclei whilst formation of diploid nucleus during this nucleus containing 2 sets of chromosomes, one from each parent. The cell formed by karyogamy is called zygote

• Meiosis: The cell division that reduces chromosome no. to one set per cell generally follows and restore haploid phase. The haploid nuclei that result from meiosis and restore the haploid phase.

④ Two adaptations made the move from water to land possible for bryophytes, i.e. waxy cuticle & gametogonia. The waxy cuticle help to protect the plants from drying out and the gametogonia provided further protection against drying out.

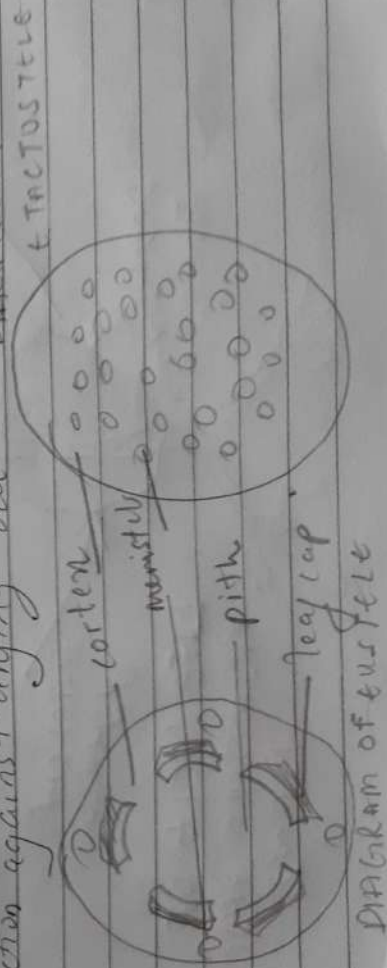
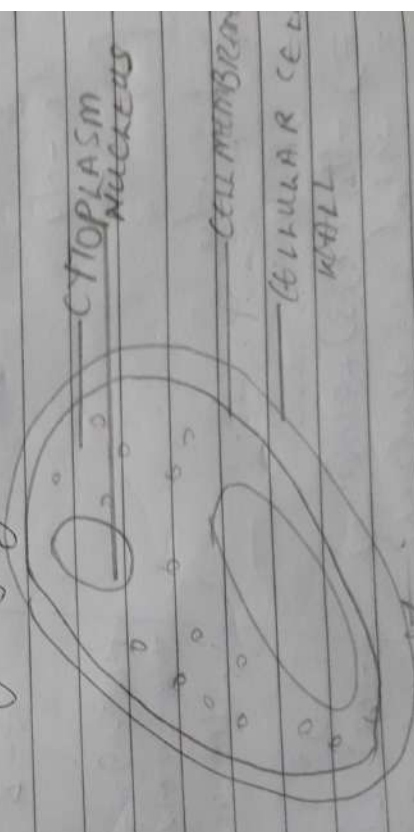


DIAGRAM OF BRYOPHYTE

$$(n+1)(n+2) + (n+2)(n+3) + \dots + (n+1)(n+2) + 3(n+2) + 5(n+3)$$

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- 1) Importance of fungi
1. They serve as food to man e.g. mushroom
 2. Some can be used for medicinal purpose
 3. They help in the decomposition of some products
 4. Products like yeast are produced by fungi which can help in production of a lot of things e.g. bread.



The structure of yeast.