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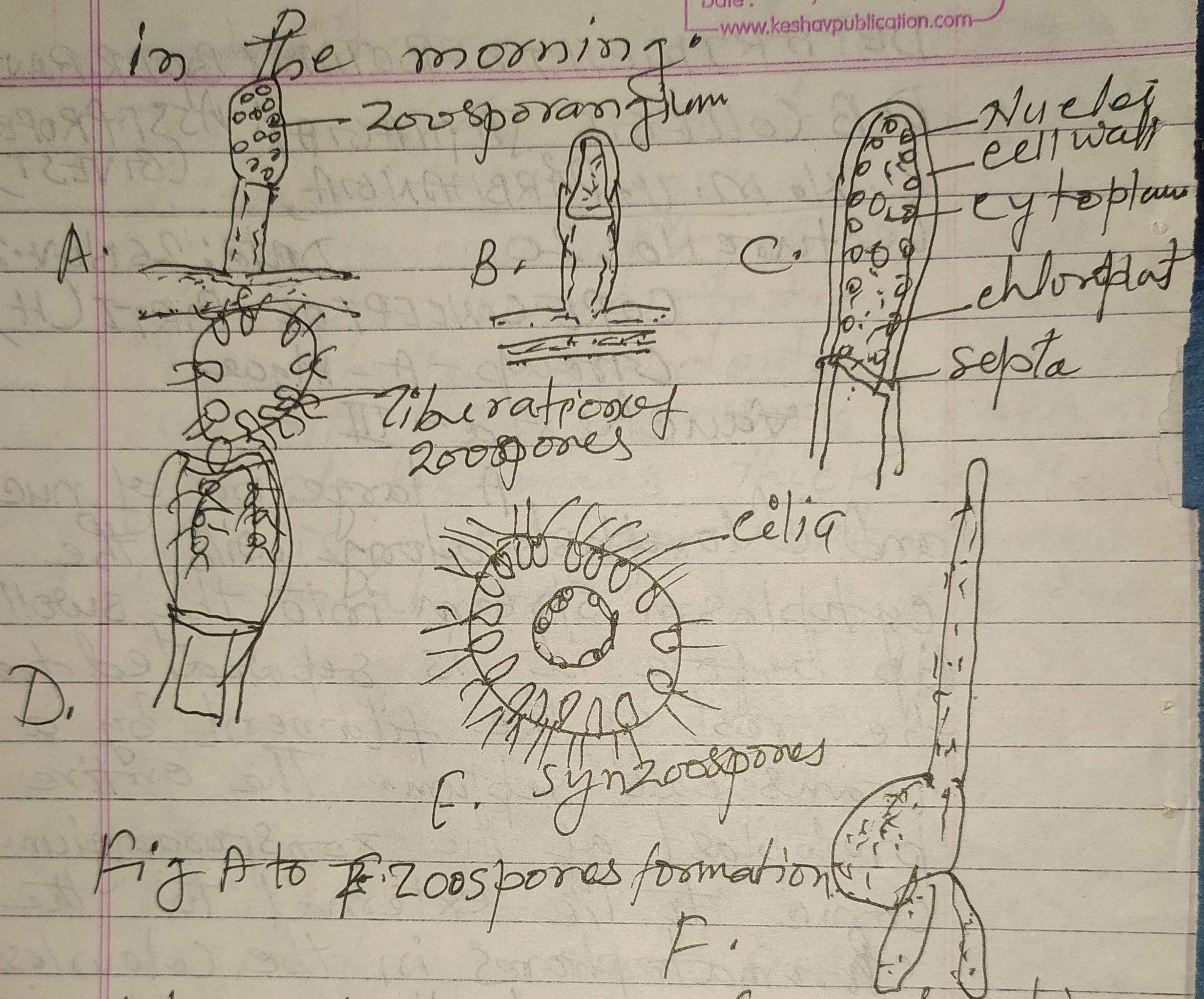
CORE CONCEPT OF PARTI (H)

Group - A - Algae

Vaucheria - III

A large no. of nuclei and chloroplasts along with the cytoplasm stream into the swollen tip before it is separated from the rest of the filament by a transverse septum. The entire protoplast of the zoosporangium come to lie external to the chromatophores in the colourless cytoplasm at the periphery within the plasma membrane.

The mature zoospore escapes through a narrow aperture which is formed by the gelatinisation of the wall at the distal end of the zoosporangium. The zoospores are generally liberated early



Liberated zoospore is a large yellow green ovoid structure. The multicellular and multiflagellate zoospores are peculiar to Vaucheria. Zoospore of Vaucheria is a compound structure formed as a result of failure of the protoplast.