

Botany Paper I Sem I

Sample Questions

1. In *Chlamydomonas*, ----- longer than the thallus.
a. flagella b. Stigma c. Eyespot d. chloroplast
2. ---- is cultivated commercially in various parts of India for food.
a. Rhizopus b. Agaricus c. Penicillium d. Polysiphonia
3. In sexual reproduction of *Penicillium*, ---- coils around the ascogonium.
a. ascospore b. Antheridium c. ascus d. ascus mother cell
4. Causal organism for late blight of potato is -----
a. Phytophthora infestans b. *Sphacelotheca cruenta*
c. *Saccharomyces cerevisiae* d. *Pencillium notatum*
5. ----- are symbiotically associated with the plant roots.
a. Lichens b. Algae c. viruses d. Mycorrhiza
6. ----- bacteria play an important role in decomposition of organic matter.
a. Parasitic b. Saprophytic c. Gram positive d. Gram negative
7. Branched filamentous body with many nuclei and central vacuole present in ----..
a. Nostoc b. *Vaucheria* c. *Chlamydomonas* d. *Polysiphonia*
8. On the tip of the sterigma chain of ---- is formed in *Penicillium*
a. ascospore b. zoospore c. stolon d. conidia
9. ----- consist of two dissimilar organisms, living in a symbiotic association.
a. Algae b. Fungi c. Lichens d. Viruses
10. Trees associated with ----- are grown under nutrient-deficient conditions.
a. Ectomycorrhizia b. Endomycorrhizia c. Lichens d. Bacteria