



TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

BIOLOGY

DPP

DAILY PRACTICE PROBLEMS

DPP NO. 1

BOTANY : BIOLOGICAL CLASSIFICATION

DPP No. : 1

- Which among the following are the smallest living cells, known without a definite cell wall, pathogenic to plants as well as animals and can survive without oxygen?
 - (1) Bacillus
 - (2) Pseudomonas
 - (3) Mycoplasma
 - (4) Nostoc
- Pick up the wrong statement:
 - (1) Protista have photosynthetic and heterotrophic modes of nutrition
 - (2) Some fungi are edible
 - (3) Nuclear membrane is present in Monera
 - (4) Cell wall is absent in Animalia
- Nostoc and anaebina special for fix atmospheric nitrogen due to
 - (1) Heterocysts
 - (2) holdfast
 - (3) Choanocytes
 - (4) Both 1 and 3
- Which statement is/are wrong with respect to Archaeobacteria.
 - (a) Archaeobacteria differ from other bacteria in having a different cell wall structure.
 - (b) Feature of cell wall is responsible for their survival in extreme conditions.
 - (c) Methanogens are present in the guts of several ruminant animals such as cow & buffalo.
 - (d) These are oldest of the living fossils.
 - (e) Peptidoglycan & muramic acid are present in cell wall
 - (1) a and e
 - (2) b and e
 - (3) a, b and c
 - (4) only e
- Diatoms do not decay easily because
 - (1) they have siliceous walls
 - (2) their body is impervious to water
 - (3) they are chitinous
 - (4) they are abundant in saline soil

