

TOPICS : Biological Classification

- Which of the following processes are involved in the reproduction of protista?
 - Binary fission and fragmentation
 - Cell fusion and Zygote formation
 - Spore formation and fragmentation
 - Budding and spore formation
- In prokaryotes, the genetic material is
 - linear DNA with histones
 - circular DNA with histones
 - linear DNA without histones
 - circular DNA without histones
- Bacteria is a group of prokaryotic organisms which is characterised by
 - 70 S ribosomes
 - Peptidoglycan cell wall
 - Simple structure and complex behaviour
 - All of the above.
- What may be a 'photosynthetic protistian' to one biologist may be 'a plant' to another ? Which of the given below features of slime moulds shows linkage with plant?
 - Presence of holozoic nutrition
 - Presence of diverse sexual reproduction
 - Slime moulds have cellulosic spore wall
 - Formation of fruiting bodies
- Consider the following characters:

Non-motile spores, saprophytic unicellular eukaryotes, transfer of gametes by wind currents, Differentiation of plasmodium under suitable conditions.

How many of the characters given in box belong to slime moulds?

 - Four
 - One
 - Three
 - Two
- Eubacteria can be differentiated from archaeobacteria on the basis of
 - Ribosomes
 - Gene of tRNA
 - Cell wall
 - Nutrition
- Select the pair that consists of plant or animal bacterial diseases.
 - Cholera and typhoid
 - Citrus canker and crown gall
 - Malaria and dengue
 - Both (a) and (b)
- Chrysophytes are
 - Planktons
 - nektons
 - benthic organisms
 - rooted submerged.
- Eukaryotic, achlorophyllous and heterotrophic organisms are grouped under which of the following kingdoms?
 - Monera
 - Protista
 - Fungi
 - plantae
- In the five-kingdom system of classification, which single kingdom out of the following can include blue, green algae, nitrogen-fixing bacteria and methanogenic archaeobacteria?
 - Fungi
 - plantae
 - Protista
 - Monera

TOPICS : Biological Classification (Answer Key)

- 1 B
- 2 D
- 3 D
- 4 C
- 5 D
- 6 C
- 7 D
- 8 A
- 9 C
- 10 D