

**MULTIPLE CHOICE QUESTIONS ON MORPHOGENESIS OF DICTYOSTELIUM AND ACETABULARIA**

- 1. Acetabularia is a kind of**
  - a) Multicellular algae
  - b) Unicellular algae
  - c) Fungi
  - d) Bacteria
- 2. *Acetabularia mediterranea* has a cap**
  - a) Regular
  - b) Irregular
  - c) Circular
  - d) Cone
- 3. From the rhizoid of acetabularia, a stalk arises having a**
  - a) Triangular cap
  - b) Umbrella shaped cap
  - c) Oval cap
  - d) No cap
- 4. Two species of Acetabularia is identified based on**
  - a) Structure of the cap only
  - b) Shape of the cap only
  - c) Color of the cap
  - d) Structure and shape of the cap
- 5. The cap of *Acetabularia crenulata* is in which shape**
  - a) Regular
  - b) Irregular
  - c) Circular
  - d) Cone
- 6. Expand cAMP**
  - a) Cyclic adenosine monophosphate
  - b) Cyclic adenine monophosphate
  - c) Cyclic adenonine monophosphate
  - d) Cyclic adenosine diphosphate
- 7. *Dictyostelium discoideum* belong to**
  - a) Amoeba
  - b) Algae
  - c) Fungi
  - d) Bacteria
- 8. Slug formation is seen in**
  - a) Euglena
  - b) Paramecium
  - c) Acetabularia
  - d) Dictyostelium
- 9. Mound formation in Dictyostelium is seen during**
  - a) Favorable
  - b) Unfavourable
  - c) Starvation
  - e) Growing
- 10. *D. discoideum* a valuable model organism to study**
  - a) Genetics
  - b) Pathology
  - c) Physiology
  - d) Morphology