

Section-A

Multiple Choice Questions (MCQ's)

Q.1 Choose the correct answer for each from the given options:

1. **Tendency of water to coalesce oil drop into large droplet called:**
 - (a) Hydrophilic force
 - (b) Hydrophobic exclusion
 - (c) Hydrophilic exclusion
 - (d) Hydrogen bonding
2. **The covalent bond between two monosaccharide is called:**
 - (a) Peptide bond
 - (b) Ester bond
 - (c) Phosphodiester bond
 - (d) Glycosidic bond
3. **Cell organelle mainly concerned with the detoxification of alcohol.**
 - (a) Chloroplast
 - (b) Peroxisome
 - (c) Central vacuole
 - (d) Mitochondria
4. **Clarity of image is generally known as:**
 - (a) Magnification
 - (b) Contrast
 - (c) Resolution
 - (d) Sedimentation
5. **Which structure is common to plant and animal cells?**
 - (a) Chloroplast
 - (b) Cell wall
 - (c) Central vacuole
 - (d) Mitochondria
6. **Cell organelle mainly concerned with the detoxification of alcohol.**
 - (a) Chloroplast
 - (b) Peroxisome
 - (c) Central vacuole
 - (d) Mitochondria
7. **Clarity of image is generally known as:**
 - (a) Magnification
 - (b) Contrast
 - (c) Resolution
 - (d) Sedimentation
8. **How many carbon atoms are fed into the citric acid cycle as a result of the oxidation of one molecule of pyruvate?**
 - (a) 2
 - (b) 4
 - (c) 6
 - (d) 8
9. **Which of the following is true about the Kingdom Protocista:**
 - (a) All organisms are prokaryotes
 - (b) All organisms are eukaryotes
 - (c) All organisms are autotrophic
 - (d) All organisms are heterotrophic
10. **All members of green algae have the pigment combination:**
 - (a) Chlorophylls a and b
 - (b) Chlorophylls a and c
 - (c) Chlorophylls a and Phycobilins
 - (d) Chlorophylls a, b and c
11. **The major grouping of protozoa is based upon their:**
 - (a) Feeding habits
 - (b) Mode of reproduction
 - (c) Mode of Nutrition
 - (d) Mode of locomotion
12. **The most important cellulose degraders in ecosystem are:**
 - (a) Ascomycota
 - (b) Zygomycota
 - (c) Basidiomycota
 - (d) Deutromycota
13. **The dominant generation of living vascular plants existing as free-living plants is:**
 - (a) Sporophyte
 - (b) Gametophyte
 - (c) Tracheophyte
 - (d) Pteridophyte
14. **The most primitive living vascular plants is:**
 - (a) Lycophyta
 - (b) Sphenopyta
 - (c) Psilophyta
 - (d) Filicinohyta
15. **The gametophyte of Fern is called:**
 - (a) Archegonium
 - (b) Antheridium
 - (c) Cones
 - (d) Prothallus
16. **Pick the odd one out?**
 - (a) Star fish
 - (b) Brittle star
 - (c) Lamprey
 - (d) Sea urchin