

BOTANY

Time: 15 Minutes

Max. Marks: 09

SECTION "A" (MULTIPLE CHOICE QUESTION)

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

- (i) Heterospary is a characteristic of:
- Lycopodium • Selaginella
 - Equisetum • Ulva
- (ii) Sexual reproduction is not found in:
- Ascomycota • Deuteromycota
 - Zygomycota • Basidiomycota
- (iii) Bacteria grow & multiply very rapidly during this phase:
- LAG • LOG • Stationary • Decline
- (iv) Dominant generation in Bryophytes is:
- Thallus • Gametophyte • Sporophyte • Antheridium
- (v) This type of Endocytosis involves ingestion of solid materials:
- Solidocytosis • Phagocytosis
 - Pinocytosis • Exocytosis
- (vi) Complete oxidation of glucose molecule takes place in:
- Alcoholic fermentation • Lactic acid fermentation
 - Aerobic respiration • Anaerobic respiration
- (vii) In angiosperm, reproductive part is the:
- Flower • Leaf • Root • Stem
- (viii) Glycolysis occurs in this part of the cell:
- Cytoplasm • Golgi bodies
 - Mitochondria • Chloroplast
- (ix) All prokaryotes are classified in kingdom:
- Plantae • Protocista • Fungi • Monera
- (x) Special leaves which bear sporangia are called:
- Paraphyses • Protonema
 - Sporopollenin • Sporophylls
- (xi) In aerobic respiration, complete oxidation of one glucose molecules produces:
- 42 ATP • 38 ATP • 34 ATP • 30 ATP
- (xii) Non-living part of a plant cell is: • Tonoplast
- Cell wall • Cell membrane • Nuclear membrane
- (xiii) The water potential of pure water is:
- -10 • Zero • 10 • 100
- (xiv) This protocist has isomorphic alternation of generation:
- Phytophthora • Chlorella • Euglena • Ulva
- (xv) Carnivorous plants trap insects to meet the deficiency of:
- Potassium • Phosphate • Nitrogen • Calcium
- (xvi) The primary electron acceptor of pigment system II or Ps II is:
- Ferredoxin • Plastoquinone • Plastocyanin
 - Pheophytin
- (xvii) Yeast generally reproduces by:
- Conidia • Sperm • Budding • Fission
- (xviii) Dark reaction of photosynthesis occurs in:
- Stroma • Thylakoid
 - Cytoplasm of leaf cell • Grana