

Time: 15 Minutes

Max. Marks: 09

SECTION "A" (MULTIPLE CHOICE QUESTION)

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

- (i) Heterospory is an important character of:
• Marchantia • Pinus • Chlorella • Selaginella
- (ii) This group of plants produces naked seeds:
• Bryophyta • Gymnosperms
• Pteridophyta • Angiosperms
- (iii) Net gain of ATPs per molecule of glucose during aerobic respiration is: • 36 • 38 • 40 • 42
- (iv) Site of dark reaction of photosynthesis within chlorophyll is: • Stroma • Grana • Thylakoid • Frets
- (v) Release of droplets of water from hydathodes is called:
• Transpiration • Guttation • Vaporization • Respiration
- (vi) In plants, exchange of gases takes place through:
• Lenticels • Hydathodes • Stomata • Cuticles
- (vii) The basic unit of classification is:
• Kingdom • Family • Genus • Species
- (viii) The protein coat of virus is called:
• Capsomere • Capsid • Genome • Nucleocapsid
- (ix) This process requires energy: • Active transport
• Osmosis • Diffusion • Facilitated diffusion
- (x) Late blight of potato is caused by:
• Phytophthora • Puccinia • Penicilium • Aspergillus
- (xi) Singer and Nicolson proposed a working model of:
• Cell wall • Chromosome
• Ribosome • Plasma membrane
- (xii) The final tool for biological classification is:
• Cytology • Genetics • Embryology • Homology
- (xiii) Wheat, Oat and Rice all belong to family:
• Poaceae • Rosaceae • Fabaceae • Solanaceae
- (xiv) representation of trophic level is called:
• Pyramid • Food Chain • Energy flow • Productivity
- (xv) The inner membrane of mitochondria has many infoldings called:
• Thylakoid • Lamella • Cristae • Grana
- (xvi) Bacterial cell wall is chemically composed of:
• Cellulose • Lipid • Peptidoglycan • Chitin
- (xvii) This division of fungi lacks sexual reproduction:
• Zygomycota • Ascomycota
• Basidiomycota • Deuteromycota