

PG-CET-BOTANY

PRACTICE BITS ON “CELL-BIOLOGY” - 3

- 61) Porins are not found in** [2]
1) outer envelope of chloroplast 2) inner envelope of chloroplast
3) outer envelope of mitochondria 4) cell wall of Bacteria
- 62) The highest number of mitochondria are seen in** [1]
1) Meristematic cells 2) Parenchyma cells
3) Sieve cells 4) pollens
- 63) Which subunit of ribosomal RNA is used as marker for studying evolutionary relationship by Carl Woese & co-workers?** [3]
1) 23s r-RNA 2) 18s r-RNA 3) 16s r-RNA 4) 5s r-RNA
- 64) What is common among chloroplast, chromoplast & leucoplast?** [4]
1) Presence of pigments 2) Storage of starch, proteins, lipids
3) having grana thylakoids 4) Ability to multiply by fission
- 65) Carotenoids are located in /on _____ of Chloroplast** [3]
A) Lumen B) Stroma C) Grana thylakoids D) Peri plastidial space
- 66) Which of the following is the first structure that is formed from cell plate between the two daughter cells at the time of cytokinesis?** [3]
1) Primary cell wall 2) Secondary cell wall
3) Middle lamellum 4) Cell membrane
- 67) Disintegration of tail in Tadpole larva of frog due to the activity of** [1]
1) Lysosomes 2) ER 3) GC 4) Vacuole
- 68) Packaging of materials is the important property of** [3]
1) E.R 2) vacuole 3) G.C 4) Lysosomes
- 69) Cell sap of vacuole is _____ to cytoplasm** [2]
1) Hypotonic 2) Hypertonic 3) Isotonic 4) None of these
- 70) Which of the following is not a function of SER?** [1]
1) Protein synthesis 2) Steroid hormone synthesis
3) Lipid synthesis 4) Detoxification

- 71) Plasma membrane particularly in animals is elastic due to presence of** [4]
1) Lipids 2) Cholesterol 3) Polysaccharides 4) Proteins
- 72) Which of the following phenomenon is commonly referred as "Cell drinking"?** [4]
1) Exocytosis 2) Phagocytosis 3) Endocytosis 4) Pinocytosis
- 73) Which of the following is responsible for the origin of lysosome?** [2]
1) Vacuole 2) GC 3) Nucleus 4) Mitochondria
- 74) Which of the following is not a function of GC?** [4]
1) Synthesis of Lipoproteins 2) Synthesis of Glycolipids
3) Synthesis of glycoproteins 4) None of these
- 75) What is the site of enzyme synthesis in cells** [3]
1) GC 2) SER 3) RER 4) Lysosomes
- 76) More ribosomes would be found in** [2]
1) Parenchyma cells 2) Meristematic cells 3) Sieve cells 4) Xylem vessels
- 77) Which of the following cell organelle common in both Monera and Protista?** [3]
1) Lysosome 2) Mitochondria 3) Ribosome 4) E.R
- 78) Which of the following cell organelle is Dimorphic?** [4]
1) ER 2) Ribosomes 3) Plastids 4) Both 1 & 2
- 79) Which of the following cell organelle is not found in endomembrane system?** [1]
1) Ribosomes 2) ER 3) Lysosomes 4) GC
- 80) Identify the wrong one regarding functions of G.C** [4]
1) Formation of Acrosome 2) Synthesis of cell wall components
3) Formation of vacuoles 4) Synthesis of Phospholipids
- 81) Which pigment is not found in Chloroplast?** [3]
1) Carotenes 2) Xanthophylls 3) Anthocyanin 4) Chlorophylls
- 82) Usually Vacuoles are formed from** [2]
1) Nucleus 2) G.C 3) E.R 4) Lysosomes

83) Schematic representation of Chromosomes is known as [2]

- 1) Karyotype 2) Idiogram 3) Heteropycnosis 4) None of these

84) Anthocyanin is stored in [1]

- 1) Vacuoles 2) Chloroplast 3) Mitochondria 4) Cytoplasm

85) Golgi complex is formed from [4]

- 1) Vacuoles 2) Nucleus 3) Lysosomes 4) E.R

86) Which cell organelle is known as “Endoskeleton”? [3]

- 1) Centriole 2) G.C 3) E.R 4) Vacuoles

87) Which part of the cell is considered as “Cytoskeleton”? [4]

- 1) Micro tubules
2) Microfilaments
3) Intermediate filaments
4) All of these

88) The stain used to visualize Mitochondria is [2]

- 1) Safranin 2) Janus Green 3) Acetocarmine 4) Feulgen

89) The space which is occupied by Genophore in prokaryotes is known as [4]

- 1) Nucleus 2) Nucleoplasm 3) Nucleolus 4) Nucleoid

90) Glycocalyx of Bacteria is made up of [4]

- 1) Peptidoglycan 2) Cellulose 3) Lipoproteins 4) Mucopolysaccharides

ALL THE BEST

By
D.R