

Time: 20 Minutes**OBJECTIVE Code : 6462****Marks: 17**

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

1. 1 - The study of ancestral history of organism is called
(A) Genetics (B) Evolution (C) Paleontology (D) Ecology
- 2 - The term carbohydrate includes
(A) starch (B) monosaccharides (C) oligosaccharides (D) all these
- 3 - The catalytic activity of an enzyme restricted to its small portion is called
(A) passive site (B) regulation site (C) active site (D) allosteric site
- 4 - A cytoskeletal fiber responsible for cyclosis is called
(A) microfilament (B) microtubule (C) centriole (D) intermediate filament
- 5 - Which step in lytic cycle follows penetration into the host cell?
(A) maturation (B) DNA replication
(C) production of lysosome (D) lysis
- 6 - Conjugation is facilitated by
(A) pilli (B) capsule (C) slime (D) flagella
- 7 - Cell wall of Oomycetes contains mostly
(A) pectin (B) chitin (C) cellulose (D) murein
- 8 - Reindeer moss is
(A) algae (B) mold (C) lichen (D) algae
- 9 - Gametophyte generation is dominant in
(A) ferns (B) angiosperms (C) gymnosperms (D) bryophytes
- 10 - Which of the following is not a class of pisces?
(A) cyclostomata (B) aves (C) chondrichthyes (D) osteichthyes
- 11 - Dipnoi modified aquatic breathing system to meet the conditions of terrestrial life by developing
(A) gills (B) lungs (C) swim bladder (D) skin
- 12 - AcetylCoA reacts with oxaloacetate during Kreb's cycle to form
(A) pyruvate (B) citrate (C) ATP (D) NADH
- 13 - Glycolysis
(A) produces no ATP (B) takes place in Mitochondria
(C) reduces NAD^+ (D) produces no pyruvic acid
- 14 - Digestion in hydra takes place within its
(A) coelom (B) mouth (C) gastrovascular cavity (D) alimentary canal
- 15 - The respiratory system is most efficient in
(A) birds (B) man (C) fish (D) snake
- 16 - The casparian strips are present in
(A) cortex cells of root (B) phloem cells
(C) endodermal cells of root (D) pericycle cells
- 17 - Plasma cells are
(A) same as memory cells (B) B-cells that are actively secreting antibody
(C) inactive T-cells (D) formed from blood plasma