

## Section-A

## Multiple Choice Questions (MCQ's)

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

1. The prokaryotes may have evolved from ancestors called:
  - (a) Protobionts
  - (b) Virion
  - (c) Eukaryote
  - (d) RNA
2. The earliest undisputed evidence of life on earth dates at least from:
  - (a) 3.5 billion years ago
  - (b) 4.5 billion years ago
  - (c) 2.5 billion years ago
  - (d) 5.5 billion years ago
3. Gram positive bacterial peptidoglycan layer is:
  - (a) Thick
  - (b) Moderate
  - (c) Thin
  - (d) No
4. Choose the incorrect pair?
  - (a) Sponges → Spicules
  - (b) Snidaria → Nematocysts
  - (c) Segmented worm → Psuedopodia
  - (d) Arthropoda → jointed leg
5. Waster movement through sponge?
  - (a) Ostia → Spongooel → Osculum
  - (b) Spongocoel → Osculum → Ostia
  - (c) Ostia → Osulum → Spongooel
  - (d) Osculum → Spongocoel → Ostia
6. The type of digestion in Planaria is:
  - (a) Intracellular
  - (b) Extracellular
  - (c) Intercellular
  - (d) Both a & b
7. Number of milk teeth is:
  - (a) 10
  - (b) 15
  - (c) 20
  - (d) 25
8. Teeth meant for cutting are:
  - (a) Incisors
  - (b) Caniones
  - (c) Pre-molars
  - (d) Molars
9. The part of gut also associated with respiratory system is:
  - (a) Stomach
  - (b) Esophagus
  - (c) Pharynx
  - (d) Both a & b
10. Average blood pressure is lowest in which structure (s)
  - (a) Aorta
  - (b) Arterioles
  - (c) Capillaries
  - (d) Vena cava
11. The type of immunity through the transfer of antibodies from mother to her fetus is:
  - (a) Natural Active Immunity
  - (b) Natural Passive Immunity
  - (c) Artificial Active Immunity
  - (d) Artificial Passive Immunity
12. Antibodies are secreted by:
  - (a) T cells
  - (b) B Cells
  - (c) Plasma cells
  - (d) Macrophages
13. Which of the following is / are a cause (s) of vasoconstriction?
  - (a) Lying down after standing
  - (b) Standing after lying down
  - (c) Stress or hormone concentration
  - (d) Histamine secretion
14. Lymph most closely resembles which of the following?
  - (a) Blood
  - (b) urine
  - (c) Plasma
  - (d) Interstitial fluid
15. Damage to the S.A Node in humans:
  - (a) Is a major contributor to heart attacks
  - (b) Would block conductance between the bundle branches and the purkinje fibers
  - (c) Would have a negative effect on peripheral resistance
  - (d) Would disrupt the rate and timing of cardiac muscle contractions