

SECTION - A (Multiple Choice Questions)

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

1. Malpighian tubules are characteristically associated with:
(a) Flat worm (b) Insect (c) Earth worm (d) Round worm
2. It takes place in liver.
(a) Ornithine Cycle (b) Bile Formation
(c) Cholesterol Formation (d) All of these
3. Total number of bones in our four (4) limbs is:
(a) 30 (b) 60 (c) 90 (d) 120
4. Each myosin filament is surrounded by:
(a) 2 actin filaments (b) 4 actin filaments
(c) 6 actin filaments (d) 8 actin filaments
5. The hormone essential for physical and mental development of a child is:
(a) ADH (b) Insulin (c) Thyroxine (d) FSH
6. The receptors for detection of sound energy are:
(a) Chemoreceptor (b) Pain receptor
(c) Thermo receptor (d) Mechano receptor
7. Ovulation is initiated by:
(a) FSH (b) LH (c) Estrogen (d) Progesterone
8. Cytoplasmic localization is a consequence of:
(a) Fertilization (b) Morula (c) Cleavage (d) Blastula
9. Which of the following is associated with fragile RBCs?
(a) Hemophilia (b) Thalasemia
(c) Sickle cell Anemia (d) All of these
10. Noise is considered as sound beyond.
(a) 40 decibels (b) 80 decibels (c) 20 decibels (d) 30 decibels
11. Germinal continuity theory was proposed by:
(a) Hutton (b) Lamarck (c) Weismann (d) Darwin
12. The enzymes that act like scissors in rDNA technology are:
(a) Polymerase (b) Ligase
(c) Reverse Transcriptase (d) Restriction Enzyme
13. The part of brain related with long term memory is:
(a) Hippocampus (b) Amygdala
(c) Limbic System (d) Hypothalamus
14. It is considered as connecting link between nervous and endocrine system.
(a) Thalamus (b) Hypothalamus
(c) Pituitary Gland (d) Pineal Body
15. Which of the following is required for initiation of muscle fiber contraction?
(a) ATP (b) Sodium (c) Creatininc Phosphate (d) Calcium
16. If some animal is either naturally or artificially prevented from breeding, it is called:
(a) Genetic Drift (b) Gene Pool
(c) Genetic Death (d) Gene Frequency