

Time: 20 Minutes**OBJECTIVE Code: 8464****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. A localized group of species belonging to the same species is called as
(A) community (B) population (C) ecosystem (D) biosphere
2. In which of the following neurons, length of dendrites is greater than axon
(A) relay neuron (B) sensory neuron (C) motor neuron (D) associative neuron
3. Protein found within spindles is
(A) collagen (B) myosin (C) actin (D) tubulin
4. Which one of the following observations does not match with Darwin's idea of natural selection?
(A) over production (B) survival of the fittest
(C) variations (D) inheritance of acquired characters
5. The tRNA anticodon "GAC" is complementary to the mRNA codon with the sequence
(A) CUG (B) CAG (C) CTG (D) GAC
6. The process of moulting is controlled by the nervous system and a hormone called
(A) aldosterone (B) androgen (C) ecdysone (D) oxytocin
7. Transgenic animals are prepared through
(A) genetic engineering (B) cloning (C) mutation (D) PCR
8. Type of muscle having regular striations and many nuclei per cell
(A) smooth muscle (B) skeletal muscle (C) cardiac muscle (D) all of these
9. It is not a function of kidney
(A) excretion (B) osmoregulation (C) formation of urine (D) formation of urea
10. Which of the following is a renewable resource?
(A) coal (B) oil (C) land (D) natural gas
11. The head can be regenerated in
(A) frog (B) leech (C) earthworm (D) grasshopper
12. *Felis bengalensis* has the zoologist name of
(A) leopard cat (B) leopard (C) cat (D) tiger
13. RNA polymerase consists of
(A) sigma factor (B) sigma factor and core enzyme
(C) core enzyme (D) sigma factor and full enzyme
14. Mature sperms are formed from spermatids through
(A) mitosis (B) meiosis-I (C) meiosis-II (D) differentiation
15. Cell bodies of sensory neurons constitute
(A) dorsal root ganglion (B) dorsal root
(C) ventral root ganglion (D) posterior root ganglion
16. Haemophilia "A" is
(A) x-linked recessive (B) factor viii abnormality
(C) both (A) and (B) (D) factor ix abnormality
17. Which of the following describes aspartame?
(A) anticlotting agent (B) biodegradable plastic
(C) artificial sweetener (D) transgenic bacteria