

Class XI BIOLOGY NEURAL CONTROL AND COORDINATION ASSIGNMENT NO. 13

- Q1. What are the structural & functional units of neural system of animals?
- Q2. Name the type of neural system found in: - Sponges, Hydra, earthworm, insects & Vertebrates.
- Q3. Classify the neural system in form of flow chart.
- Q4. Draw labeled diagram of neuron.
- Q5. What are neurotransmitters & synaptic knob?
- Q6. Classify the neurons on basis of number of axons & dendrites.
- Q7. Give differences between myelinated and non myelinated fibers.
- Q8. Describe the generation and conduction of nerve impulse.
- Q9. Draw a labeled diagram showing axon terminal and synapse.
- Q10. Give difference between electrical and chemical synapse.
- Q11(a) Name 3 meninges of human brain. (b) Draw labeled diagram of human brain.
- Q12(a) What are parts of forebrain? (b) What is corpus callosum? (c) What is association area in cerebrum?
- (d) Give functions of hypothalamus & thalamus.
- Q13. What are the functions of hind brain?
- Q14(a) Define reflex action. (b) Draw reflex action (showing knee jerk reflex)
- Q15. Draw labeled diagram of human eye.
- Q16. Explain the terms sclera, cornea, choroids, ciliary body, iris, lens & pupil.
- Q17. Describe structure of retina of eye.
- Q18. What is blind spot & fovea in the eye?
- Q19. Which are two chambers of human eye?
- Q20(a) Draw labeled diagram of human ear. (b) How is pressure maintained on either side of tympanic membrane?
- Q21. What is the role of organ of corti in ear?
- Q22. How is balance & posture of human body maintained?