



# **BIOLOGY**

## **BOOKS - VIKRAM PUBLICATION ( ANDHRA PUBLICATION)**

### **NEURAL CONTROL AND CO- ORDINATION**

#### **Important Questions**

**1. Unique to the brain of mammals**



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2. Relative refractory period occurs during



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3. What is all-or-none principle?



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4. What is the role of rods and cones in the human eye?



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5. Distinguish between the blind spot and the yellow spot.



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6. The organ of Corti is a structure present in



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7. Somatic neural system which is a part of PNS relays impulses from the CNS to



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8. Describe the structure of human eye ?



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**9.** Chemicals which are released at the synaptic junctions are called



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**10.** What do you understand about the functions of parasympathetic system ?



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**11.** What are the different functions of brain?



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**12.** During the transmission of nerve impulse through a nerve fibre, the potential on the inner side of the plasma membrane has which type of electric charge?



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**Very Short Answer Questions**

1. Innermost meninx covering brain is



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2. What is colostrum ? What is its importance ?



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3. What do you know about arbor vitae?



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4. Why the sympathetic division is called thoraco-lumbar division?



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5. Why the para sympathetic division is called cranio sacral division?



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6. Relative refractory period occurs during



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7. What is all-or-none principle?



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8. How do rods and cones of human eye differ from each other chemically and functionally?



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**9.** Distinguish between the blind spot and the yellow spot.



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**10.** The organ of Corti is a structure present in



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**Short Answer Questions**

1. Draw a labelled diagram of the T.S. of the spinal cord of man.



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2. Somatic neural system which is a part of PNS relays impulses from the CNS to



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3. Describe the structure of human eye ?





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4. Chemicals that are released at the synaptic junction are called



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5. Write the differences between nervous system and endocrine system



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## Long Answer Questions

1. Give a brief account of the structure and functions of the brain of man.



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2. Explain the transmission of nerve impulse through a nerve fibre with the help of suitable diagrams.



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