



# BIOLOGY

## BOOKS - SUPER COMPANION 5 IN 1

### NEURAL CONTROL AND COORDINATION

**One Mark Question And Answers**

1. Expand CSF.



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2. Name the disorder characterised by the loss of motor function in human .



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3. Name the part of human brain concerned with homeostatic functions .



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4. Which part of CNS is concerned with reflex action ?



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5. Mention the arrangement of grey matter in the spinal cord.



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**Two Mark Question And Answers**

1. Draw a neat labeled diagram of T.s of spinal cord.



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2. Describe the structure of cerebellum.



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3. Compare the following :

Central neural system (CNS) and peripheral

neural system (PNS).



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4. Compare the following :

Resting potential and action potential



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5. Differentiate between:

Myelinated and non - myelinated axons.



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**6. Differentiate between:**

Dendrites and axons.



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**7. Differentiate between:**

Thalamus and Hypothalamus.



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**8. Differentiate between:**

Cerebrum and Cerebellum.



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**9. Answer the following :**

which part of the human brain is the most developed ?



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**10.** Answer the following :

which part of our central neural system acts as a master clock?



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**11.** Distinguish between :

(a) Afferent neurons and efferent neurons .



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**12. Write short notes on the following :**

Forebrain



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**13. Write short notes on the following :**

Synapse



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**Three Marks Question With Answers**

1. Explain the following processes :

Depolarisation of the membrane of a nerve fibre.



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2. Explain the following processes :

Conduction of a nerve impulse along a nerve fibre.



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3. Explain the following processes :

Transmission of a nerve impulse across a chemical synapse.



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## Five Marks Question And Answers

1. Explain the structure of a multipolar myelinated neuron.



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2. Draw a neatly labeled diagram of sagittal section of brain.



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3. With a labeled diagram , describe the structure of human spinal cord.



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4. Describe briefly the structure of human brain.



**View Text Solution**