



BIOLOGY

BOOKS - ICSE

NERVOUS SYSTEM

Review Questions Multiple Choice Questions

1. Medulla oblongata controls

A. smelling

B. beating of heart and respiratory

movement

C. intelligence and will power

D. balancing of the body

Answer:

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2. Balance of body is controlled by

A. Spinal cord

B. Cerebellum

C. Cerebrum

D. Medulla

Answer:

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3. Taste of food evokes salivation by a reflex while smell of food causes salivation by a reflex

- A. Natural reflex
- B. Acquired reflex
- C. Inborn reflex
- D. Ordinary reflex

Answer:



4. The structrual and functional unit of nervous system is

A. Axon

B. Nephron

C. Neuron

D. Dendron

Answer:

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Review Questions Short Answer Questions

1. You are driving your bicycle at a fast speed. Suddenly, a small boy comes in front of your cycle and without wasting any time in thinking, you immediately apply the brakes and the accident is avoided. What name is given to such an action?

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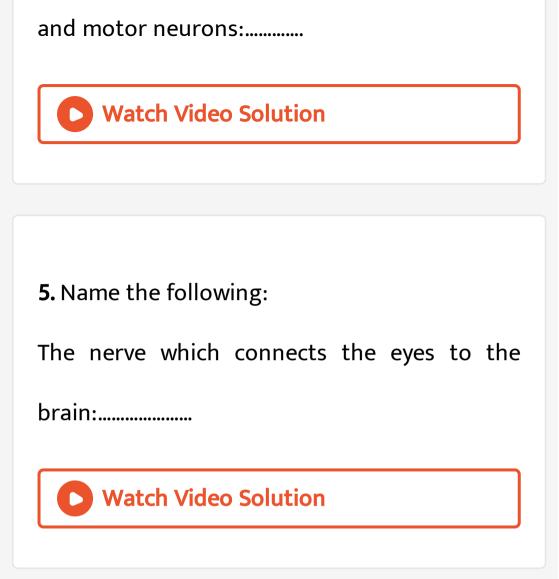
2. Name the following:

The long, extended process of a

neuro	on:	•••••				
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3. Name the following:						
The	point	of	contact	between	two	
neurons:						
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4. Name the following:

The kind of nerve which carries both sensory



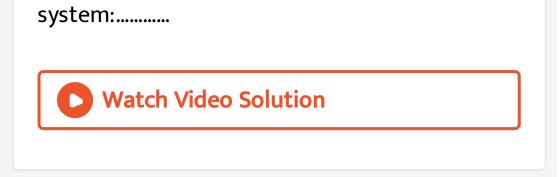
6. Name the following:

The nerve which connects the nose to the

brain:					
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7. Name the following:					
The nerve which connects the ears to the					
brain:					
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8. Name the following:

Two sub-divisions of the peripheral nervous



9. Name the parts of that form autonomic

nervous system.

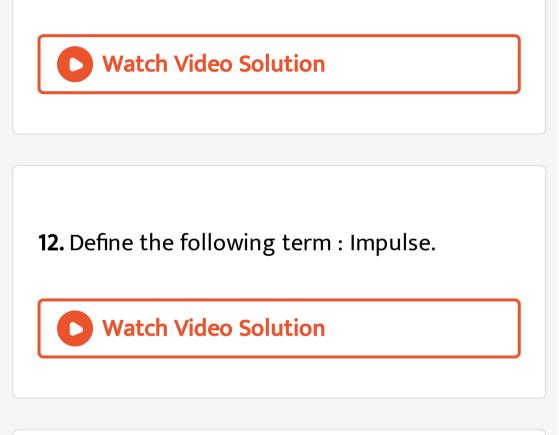
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10. Define the terms:

Coordination:.....

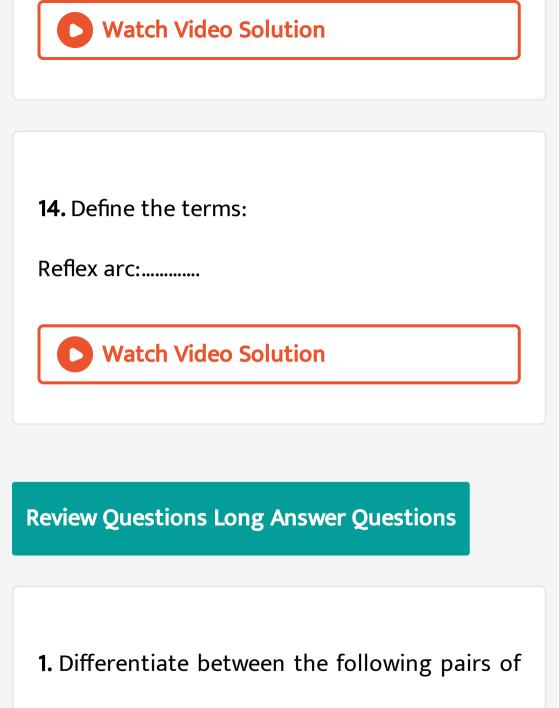


11. Define the following term : Synapse.



13. Define the terms:

Reflex action:.....



terms on the basis of what is indicated with in

the brackets:

Stimulus and response (definition)



2. Differentiate between the following pairs of

terms on the basis of what is indicated with in

the brackets:

Receptor and effector (examples)

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3. Differentiate between the following pairs of terms on the basis of what is indicated with in the brackets:

Motor nerve and sensory nerve (function)



4. Differentiate between the following pairs of

terms on the basis of what is indicated with in

the brackets:

Cranial and spinal nerves (number in pairs)



5. Differentiate between the following pairs of terms on the basis of what is indicated with in the brackets:

Cerebrum and medulla oblongata (function)

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6. Differentiate between the following pairs of terms on the basis of what is indicated with in the brackets:

Cerebrum and spinal cord (arrangement of

white and grey matter)



7. With the help of a suitable diagram, describe the structure and function of a neuron.



8. Briefly describe the structure of the cerebellum in human brain and mention its functions.



9. Mention the three functions of spinal cord.



10. With the help of a suitable example, describe reflex action.Watch Video Solution

11. Briefly differentiate between the following

by giving examples:

a. Voluntary and involuntary action

b. Inborn and acquired reflexes.

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