

SYNOPSIS

1. The system that controls and coordinates all the activities of various body parts in response to external and internal stimuli by the conduction of nerve impulses is called Nervous system.
2. The brain, spinal cord and nerves form the nervous system of the body.
3. The three main parts presents in the nervous system are –
 - a). Central Nervous System [CNS]
 - b). Peripheral Nervous System [PNS]
 - c). Autonomic Nervous System [ANS]
4. The main parts of the brain are cerebrum, cerebellum and medulla oblongata.
5. The spinal cord is a long unsegmented cord like structure which is the centre for many reflexes.
6. There are 12 pairs of cranial nerves and 31 pairs of spinal nerves.
7. The functional junction between two nerves is called synapse.
8. Neuron is the smallest functional unit of the nervous system.
9. The nerve is formed of a bundle of axon (nerve fibres).
10. The three types of neurons are **a)** Receptor or Sensory neurons. **b)** Effector or Motor neurons **c)** Relay or connecting or Inter neurons
11. The three types of nerves are **a)** Sensory or Receptor or Afferent. **b)** Motor or Effector or Efferent. **C)** Mixed.
12. Nerve impulses travel rapidly in one direction, starting at the dendrites and finishing at the end of the axon.
13. Autonomic Nervous system is divided in to two parts **a)** Sympathetic system and **b)** Parasympathetic system.

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Biology Worksheet

Subject: BIOLOGY

Class VII

Total Questions 4

Time: 20 Minutes

WORKSHEET 1

Question 1

Fill in the blank:

- (i) There are _____ pairs of cranial nerves.
- (ii) _____ lobes are the pairs of lobes, which are concerned with sense of smell.

Question 2

Name the following:

- (i) The main part of the neuron consisting of cytoplasm and nucleus.
- (ii) This fluid protects the brain from mechanical shocks.

Question 3

State true or false:

- (i) Sympathetic system is a part of peripheral nervous system.
- (ii) Pons group together to form a nerve.

Question 4

Define:

- (i) Synapse - _____ .
- (ii) Nerve impulse - _____ .

Exercise:

From the book, (pgs – 84, 85, 86)

Solve no. - A, D, E, F, G, H