

Vidya Bhawan Balika Vidyapeeth Lakhisarai

Arun Kumar Gupta

class 10<sup>th</sup>

subject biology

date 21.05.2020

**Questions for practice :**

1. The gap between two neurons is called a **synapse**.
2. The central nervous system consists of the **brain** and the **spinal cord**.

3. What are the different parts of nervous system ?  
Ans. **Central nervous system and peripheral nervous system.**

4. What are the three components of neuron ?  
Ans. **Cell body , dendrites and Axon .**

5. The structural and functional unit of nervous system **neuron**.

6. **Ovum** is the largest cell in the body .

**Nerve cell** is the longest cell in the body .

7. What are the two system of coordination of activities in humans ?  
Ans. **Nervous system and endocrine system.**

8. Write common type of receptors that we have .  
Ans. **Photoreceptor detect light.**

**detect sound olfactory receptor detect the smell gustatory receptor latex test thermoreceptor  
detect heat or cold**

9. What is nervous system ?  
Ans. A system made up of nerve cells is called nervous system .

10. What is electrical impulse ?

Ans. All the receptors in the sense organs receive from the surrounding environment and send the message conveyed by them to the spinal cord and brain in the form of electrical impulses through the sensory nerves

## GONADS :

- Gonads are the gamete-producing organs - testes in males and ovaries in females. The
- testes produce the male hormone **testosterone** and ovaries produce the female hormone **Oestrogen** or **Estrogen** and **Progesterone**.
- Testosterone and oestrogen help in producing gametes and are responsible for the sexual characteristics in males and females respectively.
- Progesterone is the pregnancy hormone.