

**B.El.Ed (III Year) op II 3.6**  
**Nervous System**

**Kindly Study the following topics of Nervous system from the study material provided at the beginning of the session :**

- Structure of Neuron; functions of Neuron.
- Action potential and. Generation of action potential.
- Propagation of Action Potential.
- Saltatory. Conduction ;Synaptic transmission.
- Synapse between Neuron; Synapse between Neurons and muscle fibres (Neuromuscular junction )

**Following are some important questions you should be able to answer after going through the above mention topics:**

- What as Synaptic transmission ?
- What is Saltatory Conduction.?
- How does the transmission of nerve impulse take place ?

**Reference Material would be present in the following links :**

- <http://www.ignouhelp.in/ignou-bpce-18-study-material/>
- [https://www.ugc.ac.in/pdfnews/4082171\\_Zoology.pdf](https://www.ugc.ac.in/pdfnews/4082171_Zoology.pdf)