

M.B.B.S. [1st Prof.]
BF/2006/06

Physiology - A

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

1. Give a brief account of the functional divisions as well as important connections and functions of the Cerebellum. Enumerate the motor defects associated with Cerebellar disorders. [10]

2. **Write short notes on:**
 - a. Physiological changes during pregnancy. [4]
 - b. Functions of the Estrogens on the female sex. [4]

3. **Describe briefly:**
 - a. Growth hormone. [4]
 - b. Pathophysiology of Parathyroid hormone. [4]

4. **Write notes on:**
 - a. Cutaneous receptors. [4]
 - b. E.E.G. waves. [4]

5. **Write about:**
 - a. Neuromuscular Junction. [3]
 - b. Saltatory conduction. [3]
 - c. Physiology of Lactation. [2]

6. **Write notes on:**
 - a. Synaptic Fatigue. [2]
 - b. Color blindness. [3]
 - c. Organ of Corti. [3]