

M.B.B.S. [1st Prof.]
BF/2008/11

Physiology – A

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.

Part - I

1. Describe Parkinson's disease. Give physiological basis of its treatment. [10]
2. **Write notes on:**
 - a. Hypothyroidism. [4]
 - b. Bone remodelling. [3]
3. **Explain briefly:**
 - a. Myasthenia gravis. [4]
 - b. Oxygen debt. [4]

Part – II

4. **Draw well labeled diagram of:**
 - a. Muscle spindle and give its functions. [6]
 - b. Compound action potential. [4]
 5. **Describe briefly:**
 - a. Hormonal regulation of menstrual cycle. [4]
 - b. Functions of Testosterone. [3]
 6. **Write notes on:**
 - a. Active transport. [2]
 - b. Presbyopia. [2]
 - c. HCG [Human Chorionic Gonadotrophin] [2]
 - d. Saltatory conduction. [2]
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