

**M.B.B.S. [1<sup>st</sup> Prof.]**  
BF/2008/07

**Physiology – A**

**M.M. : 50**

**Time : 3 Hours**

*Note : Attempt all questions.  
USE SEPARATE ANSWER SHEET FOR EACH PART.*

**Part - I**

1. Describe the functions of Cerebellum. [10]
  
2. **Write notes on:**
  - a. Actions of Oxytocin. [4]
  - b. Rickets. [3]
  
3. **Explain briefly:**
  - a. Refractory period. [4]
  - b. Graded potential. [4]

**Part – II**

4. **Draw well labeled diagram of:**
    - a. Cross section of the Spinal cord showing location and functions of major ascending tracts. [5]
    - b. Relation between action potential and tension in visceral smooth muscle. [5]
  
  5. **Describe briefly:**
    - a. Vasectomy. [4]
    - b. Cryptorchidism. [3]
  
  6. **Write notes on:**
    - a. Intercellular communication. [2]
    - b. Taste adaptation. [2]
    - c. Rinne test. [2]
    - d. Photosensitive pigment. [2]
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