



[MBBS 0221]

**FEBRUARY 2021**

Sub.Code :6054

**M.B.B.S. DEGREE EXAMINATION  
FIRST YEAR  
PAPER II – PHYSIOLOGY**

*Q.P. Code: 526054*

**Time: Three hours**

**Maximum : 100 Marks (80 Theory + 20MCQs)**

**Answer All Questions**

**I. Essay:**

**(2 x 15 = 30)**

1. Name the functional divisions of the Cerebellum. Describe the structure, connections and functions of cerebellum .Mentions two signs of cerebellar lesions.
2. Describe the Arterial Blood Pressure. Describe nervous regulation of Arterial Blood Pressure.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Chloride Shift.
2. Changes that occur in acclimatization.
3. Draw a normal spirogram and write about the volumes and capacities of lung.
4. Polysomnography.
5. Functions of Hypothalamus.
6. Peculiarities of pulmonary circulation.
7. Hypovolemic Shock.
8. Cardiopulmonary resuscitation.
9. Control of Appetite.
10. Colour vision.