

[LN 503]

NOVEMBER 2018

Sub.Code :5054

**M.B.B.S. DEGREE EXAMINATION
FIRST YEAR
PAPER IV – PHYSIOLOGY INCLUDING BIO-PHYSICS - II**

Time: Three hours

Q.P. Code: 525054

Maximum : 50 Marks

Answer All Questions

I. Essay:

(1 x 10 = 10)

1. Discuss in detail the neural regulation of respiration.

II. Write notes on:

(5 x 4 = 20)

1. Ventricular action potential.
2. Tract of Gall and Burdach.
3. Venous return.
4. Lung volumes and capacities.
5. Fetal circulation.

III. Short answers on:

(10 x 2 = 20)

1. Clinical uses of ECG.
2. P₅₀.
3. Types of deafness.
4. Blood – brain barrier.
5. Anaphylactic shock.
6. Red – green color blindness.
7. Reflex arc.
8. Primary taste sensations.
9. Functions of limbic system.
10. Physiological dead space.
