

[LT 503]

NOVEMBER 2020

Sub.Code :5054

M.B.B.S. DEGREE EXAMINATION

FIRST YEAR

PAPER IV – PHYSIOLOGY INCLUDING BIO-PHYSICS – II

Q.P. Code: 525054

Time: Three hours

Maximum : 50 Marks

Answer All Questions

I. Essay:

(1 x 10 = 10)

1. Describe the structure and function of the conducting system of the Heart.
Add a note on Pacemaker Potential.

II. Write notes on:

(5 x 4 = 20)

1. Non respiratory functions of the Lung.
2. Oxy –Haemoglobin Dissociation Curve.
3. Heart Sounds.
4. Functions of Basal Ganglia.
5. Name Four properties of Synapse.

III. Short answers on:

(10 x 2 = 20)

1. Receptor Potential.
2. Reynold's Number
3. Artificial Respiration
4. Vital capacity.
5. Errors of Refraction.
6. Functions of Thalamus.
7. Papez Circuit.
8. Functions of Cerebro Spinal Fluid.
9. Bell Magendie Law.
10. Referred pain.
