

[LR 503]

AUGUST 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 neural regulation of respiration. Add a note on periodic breathing.

**II. Write notes on:** **(5 x 4 = 20)**

1. Factors affecting cardiac output
2. Pacemaker potential
3. ECG –Lead –II
4. Auditory Pathway
5. Functions of cerebellum

**III. Short answers on:** **(10 x 2 = 20)**

1. Lung Compliance
2. Exchange Vessels
3. Functions of parietal lobe
4. Waves of EEG
5. Referred pain
6. Circadian Rhythm
7. Aphasia
8. Kluver Bucy Syndrome
9. Homunculus
10. Sensation carried by posterior column

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