

[LF 503]

AUGUST 2014

Sub.Code :4054

**FIRST YEAR M.B.B.S. DEGREE EXAM  
PAPER IV – PHYSIOLOGY INCLUDING BIOPHYSICS - II**

*Q.P. Code: 524054*

**Time: Three hours**

**Maximum : 50 Marks**

**Answer All Questions**

**I. Essay:**

**(1x10=10)**

1. Define blood pressure. Discuss in brief the various factors which influences the pressure. Add a note on hypertension.

**II. Write Notes on:**

**(2 x 5=10)**

1. Neural regulation of respiration
2. Functions and tests of cerebellum

**III. Short Answers on:**

**(10 x3=30)**

1. Heart sounds
2. Waves of ECG in Lead II
3. Different types of hypoxia
4. Aphasia
5. Stages of sleep
6. Optic pathway
7. Functions of ascending reticular activating system
8. Components of vestibular apparatus
9. Features of Parkinsons disease
10. Functions of middle ear

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