



[LG 503]

FEBRUARY 2015

Sub. Code : 4054

FIRST M.B.B.S. DEGREE EXAMINATION

PAPER IV – PHYSIOLOGY INCLUDING BIO-PHYSICS – II

Q. P. Code : 524054

Time : Three hours

Maximum: 50 Marks

Answer **ALL** questions

I. Elaborate on:

(1 x 10 = 10)

1. Define cardiac output. Explain the factors regulating cardiac output.
Add a note on ejection fraction.

II. Write Short notes on :

(2 x 5 = 10)

1. Auditory pathway with suitable diagram
2. Adjustment in respiratory physiology at high altitudes

III. Short Answer Questions :

(10 x 3 = 30)

1. Accommodation reflex
2. Conducting system of the heart
3. Artificial respiration
4. Conditioned reflexes
5. Surfactant
6. Central analgesic system
7. VO_2 Max
8. Functions of CSF
9. Decompression sickness
10. Babinski's sign and its clinical significance
