



[LF 503]

NOVEMBER 2014

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. Essay :

(1 x 10 = 10)

1. Define cardiac cycle.

Describe the sequence of events during cardiac cycle in detail with suitable diagrams.

II. Write Short notes on :

(2 x 5 = 10)

1. Brown Sequard syndrome.
2. Oxygen dissociation curve.

III. Short Answer Questions :

(10 x 3 = 30)

1. Dead space.
2. Hering Breuer reflex.
3. Korotkoff sounds.
4. Draw a diagram of the pathway of crude touch and label it.
5. Functions of CSF.
6. Fluent aphasia.
7. Receptor potential.
8. Motor homunculus.
9. Attenuation reflex.
10. Taste pathway.
