



[LJ 503]

AUGUST 2016

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. What is cardiac cycle? Describe the various events in the cardiac cycle.

II. Write notes on:

(2 x 5 = 10)

1. Golgi tendon reflex.
2. Oxygen-haemoglobin dissociation curve.

III. Short answers on:

(10 x 3 = 30)

1. Putamen circuit of basal ganglia.
2. Caisson disease.
3. Hering - Breuer inflation reflex.
4. Einthoven's law.
5. Endo cochlear potential.
6. Describe the normal waves in electro encephalogram (EEG).
7. Presbyopia.
8. Bainbridge reflex.
9. Transpulmonary pressure.
10. Wernicke's and global aphasia.

