

[LH 6157]

AUGUST 2015

Sub. Code : 6157

**SECOND YEAR BOT EXAMINATION
PAPER III – BIOMECHANICS APPLIED ANATOMY AND APPLIED
PHYSIOLOGY**

Q.P. Code: 786157

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify the joints of the Human body. Describe each with suitable examples.
2. Explain the dynamic stabilization of the Gleno humeral joint

II. Write notes on:

(8 x 5 = 40)

1. Ligaments of the knee joint.
2. Passive Insufficiency.
3. Swing phase of the gait cycle.
4. Normal ECG.
5. Scoliosis.
6. Neuro muscular junction.
7. Lung Volumes and Capacity.
8. Claw hand deformity.

III. Short answers on:

(10 x 2 = 20)

1. Third class levers.
2. Cardiac output.
3. Synergists.
4. Isometric muscle contraction.
5. Carrying angle.
6. Trigger finger.
7. Proprioception.
8. Trendel Berg Gait.
9. Genu recurvatum.
10. Breath Sounds.
