

[LQ 6177]

FEBRUARY 2020

Sub. Code: 6177

**BOT DEGREE EXAMINATION**  
(New Regulations for candidates admitted from 2014-2015 onwards)  
**SECOND YEAR**  
**PAPER III – BIOMECHANICS, APPLIED ANATOMY AND APPLIED**  
**PHYSIOLOGY**

*Q.P. Code: 786177*

**Time: Three hrs****Maximum: 100 Marks****I. Elaborate on:****(2 x 20 = 40)**

1. Movements of Ribcage. Artificial respiration.
2. Determinants of Gait.

**II. Write notes on:****(8 x 5 = 40)**

1. Primary curves of the vertebral column.
2. Cplin
3. Squat lift Vs Stoop lift.
4. Annular pulleys.
5. Scapulo-humeral rhyth
6. Types of muscle contraction.
7. Cross bridges.
8. Genu Valgum and Varu

**III. Short answers on:****(10 x 2 = 20)**

1. Hammer toe.
2. Closed packed position of elbow.
3. Trigger finge
4. Compliance.
5. Nucleus pulposus.
6. Pump-handle movement.
7. Second-class leve
8. Strain.
9. Hand to knee gait.
10. Limb Length Discrepancy (LLD).

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