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[LQ 6177]

FEBRUARY 2020

Sub. Code: 6177

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

Q.P. Code: 786177

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

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

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

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

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

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