

[LC 6256]

FEBRUARY 2013

Sub. Code: 6256

SECOND YEAR BPT EXAM

PAPER II – BIOMECHANICS, APPLIED ANATOMY AND

KINESIOLOGY

*Q.P. Code: 746256*

**Time: Three Hours  
( 180 Min)**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X20=40)**

1. Describe the tissue present in human joints and mention general effects of injury and disease.
2. Explain about effect of injury and developmental defects of vertebral column.

**II.Short Notes:**

**(8X 5=40)**

1. Structures limiting motion in supination and pronation
2. Cumulative strain in tendons
3. Clavicular contribution to elevation of arm
4. Effects of immobilization in a lengthened versus a shortened position
5. Compensatory posture
6. Index of Insall and Salviti
7. Joint receptors
8. Triceps surae

**III.Short Answers:**

**(10X2=20)**

1. Reverse action
2. Bunnell's sign
3. Pes Anserinus
4. Lister's tubercle
5. Dowager's hump
6. Sternoclavicular disk
7. Nutation
8. Divergent muscle pull
9. Voluntary control
10. Hysteresis.

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