

Q.P.Code 113014 (New Scheme)**Reg. No.:**.....

First Year BPT Degree Supplementary Examinations, April 2017

(2012 - Scheme)**Biomechanics and Kinesiology****Time : 3 hrs****Max marks : 100**

- Answer all questions
- Draw diagrams wherever necessary

Essays:**(2x14=28)**

1. Describe in detail the mobility and stability components of shoulder joint.
2. Elaborate on the structure and function of regions of vertebral column and effects of aging and disease

Short notes:**(4x8=32)**

3. Properties of connective tissue.
4. Functions of plantar arches
5. Effects of immobilization and injury to muscles
6. Structure of knee joint

Answer briefly:**(10x4=40)**

7. Coverings of a muscle
8. Functional position of hand
9. Parallel force system
10. Intrinsic plus hand
11. Coxa vara
12. Typical rib
13. Motor unit
14. Concave convex rule
15. Double support
16. Ligaments of spine
