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

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