

**QP CODE: 304014 (Old Scheme)**

**Reg. No.....**

**Third Year BPT Degree Supplementary Examinations  
September 2018**

**Physiotherapy in Orthopedics and Sports  
(2010 Scheme)**

**Time: 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Define lumbar spondylosis. Explain the clinical features and radiological findings and explain in detail about medical and physiotherapy management for the same.
2. What is arthroplasty. What are the types. Define total hip arthroplasty and explain in detail about physiotherapy management for the same.

**Short essays:**

**(4x8=32)**

3. Define osteoporosis. Write its clinical features, investigations and PT management.
4. Define periarthritic shoulder and explain in detail about PT management for the same in chronic stage with home program.
5. Classify flexor zones of hand and explain in detail about PT management following flexor tendon repair in zone II
6. A 55-year-old male complaints of pain in right knee joint and difficulty in squatting and stair climbing. Plan your PT assessment and management for the same

**Answer briefly:**

**(10x4=40)**

7. Carpal tunnel syndrome.
8. Stump care and bandaging.
9. Upper limb tension testing.
10. PT management following hamstring strains.
11. Plantar fasciitis.
12. Osteomyelitis.
13. Stages of fracture healing.
14. Scaphoid fracture and its PT management.
15. Torticollis.
16. Complex regional pain syndrome.

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