

2010 Scheme

QP CODE: 304014

Reg. No.....

Third Year BPT Degree Supplementary Examinations April 2021

Physiotherapy in Orthopedics and Sports

Time: 3 Hours

Total Marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

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

1. Explain total hip replacement, different surgical approaches and postoperative physiotherapy management.
2. Describe tendon transfer, principles of tendon transfer, pre- and post-operative physiotherapy management of tendon transfer for foot drop.

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

3. Describe partial rotator cuff tear and conservative physiotherapy management.
4. Define osteoporosis, explain causes and physiotherapy management of Dowager's hump.
5. Explain sacroiliac joint dysfunction, types and physiotherapy management.
6. Explain ACL reconstruction, mechanism of ACL injury and post-operative physiotherapy management following ACL reconstruction with hamstring graft. (ACL - Anterior Cruciate Ligament)

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

7. Achilles tendinopathy and physiotherapy management.
8. Adhesive capsulitis of shoulder, its stages and physiotherapy management for frozen stage.
9. Dermatome of upper limb and lower limb and its clinical importance.
10. Complex regional pain syndrome and its types.
11. Rheumatoid and its deformities.
12. Spinal canal stenosis and its clinical features.
13. De Quervain's disease and its pathomechanics.
14. Slump test, its variations and clinical significance.
15. Wrist sprain and name the ligaments.
16. Iliotibial band syndrome and its causes.
