

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - September 2014

Time: Three Hours

Max. Marks: 100 Marks

ORTHOPAEDICS & SPORTS PHYSIOTHERAPY

(RS-3 & RS-4)

Q.P. CODE: 2717

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Plan the rehabilitation protocol for a 25 year old footballer who has undergone bone patellar tendon graft ACL reconstructive surgery through arthroscopic procedure
2. What are causes for the deformities of hand in R.A? Write about the P.T. management of R.A with emphasis on energy conservation techniques
3. Describe the management for fracture shaft of humerus with radial nerve palsy

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Complications of supracondylar fracture of humerus and its management
5. Post operative management following proximal realignment of quadriceps
6. Health related physical fitness components
7. Grading of patellar tendon injuries and its PT management
8. Write in detail the causes for plantar fasciitis and the orthotic prescription
9. What are the causes of tennis elbow? Write the management of the same
10. Causes for impingement syndrome of shoulder and its conservative management
11. Post operative management after tendon transfer in foot drop condition
12. Importance of core stabilization exercises in the management of LBA
13. Explain the various spinal orthosis and describe SOMI brace
14. Mechanism of injury of lateral ankle sprains and its conservative management
15. Explain centralization and peripheralization phenomenon. Add a note on extension bias exercises
16. Describe the congenital spinal conditions of lower back and its PT management
17. Causes for thoracic outlet syndrome and its physiotherapy management

SHORT ANSWERS

10 x 2 = 20 Marks

18. Complications of quadriceps contusion
19. Orthotic device for Genu recurvatum
20. Name two tests for carpal tunnel syndrome
21. What is Jefferson's fracture?
22. Precautions during isometric exercises
23. Myoelectric prosthesis
24. Dowager's hump
25. Radiological feature in spondylolysis
26. Name two benefits of closed kinetic chain exercises
27. Significance of testing for vertebrobasilar insufficiency
