

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

ORTHOPAEDICS & SPORTS PHYSIOTHERAPY

(RS-3 & RS-4)

Q.P. CODE: 2717

(QP contains two pages)

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. Set down a detail plan of rehabilitation following L2 vertebral level fracture treated surgically with a spinal fixation device and presently in recovery phase, after one month.
2. Compile a physical therapy assessment and treatment aims and means for a 20 year old cricket pace bowler who sustained a rotator cuff partial tear which was treated conservatively with sling for 3 weeks.
3. Mention physical therapy assessment (with any 2 special tests) and treatment regime for a child of three months referred for further management following congenital dislocation of hip.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Define cervical brachialgia. Mention physical therapy objectives for the treatment.
5. What is the difference between true and functional limb length discrepancies? How is functional limb length measured?
6. Note down a home program including DO's and DON'T's for a 30 year old lady working as a receptionist, who sustained intervertebral disk prolapsed at L5-S1 level.
7. What is volkmann's ischemic contracture? Mention the physical therapy treatment for the same.
8. Gait deviations following TOTAL HIP REPLACEMENT
9. What is periartthritis shoulder? What are the rehabilitation principles of it?
10. Physical therapy Treatment protocol from day one following the injury, for a young female who sustained a grade 1 ACL injury at right knee.
11. Any three complications following amputation & Physical therapy treatment for the complications
12. What are the causes of genu recurvatum? Write about the physiotherapy management of genu recurvatum.
13. What are the indications for external fixators following a fracture? Mention briefly the physical therapy treatment for fracture middle shaft of femur, which is externally fixed.
14. What are the main musculoskeletal complications following leprosy? Write about the management of claw hand.
15. What are the main features of plantar fasciitis? What are the main rehabilitation objectives of it?
16. Compile the assessment for medial epicondylitis along with the special test which aid in its diagnosis.
17. What are the special tests adopted for diagnosing meniscal injuries? Write in detail about one of the tests.

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SHORT ANSWERS

10 x 2 = 20 Marks

18. Loose packed position of a joint.
19. Cozens test
20. Dermatomes – define.
21. Lumbo sacral angle
22. Any 2 indications of osteotomy
23. Straight leg raising test
24. Pes planus – Any two causes.
25. 2 causes for patellar lateral dislocation.
26. Carpal tunnel syndrome
27. Centralization phenomenon

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