

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - Aug 2013

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. A 21 year old man sustained fracture shaft of humerus which is reduced and treated conservatively with plaster of paris slab, visited a physical therapy clinic one day after the removal of slab for further management. List out the assessment, aims and means of treatment for the same.
2. What are the principles of rehabilitation after a tendon transfer surgery? Mention in detail some important tendon transfer surgeries, which are usually performed in lower limb in a case of poliomyelitis?
3. *Write down the assessment and management of case of posterolateral disc prolapse, L4-L5 level, with pain radiating to left thigh.*

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Compile the assessment for biceps tendonitis along with the special test which aid in its diagnosis.
5. What are the causes of impingement syndrome in shoulder? Briefly mention the physical therapy treatment aims for it.
6. What are the general physical therapy treatment principles for osteoarthritis of knee at acute and sub acute and chronic stages?
7. Briefly mention the assessment of a 27 year old man following ankylosing spondylitis which is in sub acute stage.
8. What is the position of foot in CONGENITAL TALIPES EQUINO VARUS deformity? What are the principles of management for a 3 year old child with the deformity?
9. What is osteoporosis? Mention any 2 investigations required to diagnose it. What are the precautions to be taken by a physical therapist to treat a patient with the disorder?
10. Mention the physical therapy management for a patient with osteomyelitis of knee at chronic stage.
11. What are causes of THORACIC OUTLET SYNDROME? Mention 2 confirmatory tests for it.
12. Write the postoperative physical therapy management of patellectomy for a 30 year old male following a comminuted fracture of patella.
13. What is perthes disease? Mention physical therapy management for a 3year old boy diagnosed with perthes.
14. What are the types of spinal tractions? Give its indications and contra indications.
15. Discuss the physical therapy management of a 3 year old child who has a torticollis deformity to her right side.
16. What is spondilolisthesis? Write down the exercises, which can be given for an adult who has a listhesis over L₅-S₁ since 4 months after a fall.
17. Discuss briefly about the spinal orthosis and its mechanical principles, which can be given for a grade -2 scoliosis (cobb's angle greater than 40 degrees).