



Rajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T. Degree Examination - SEP-2018

Time: Three Hours

Max. Marks: 100 Marks

PHYSIOTHERAPY IN NEUROLOGY & NEUROSURGERY (OS, RS & RS2)

Q.P. CODE: 2171

your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Four)

4 x 10 = 40 marks

1. Outline the principles of evaluation following cerebrovascular accidents and Add a note on ataxia.
2. How would you plan physiotherapy management for a 45 year old patient with complete cord lesion at T 6 cord level?
3. Discuss principles and techniques of Bobath's approach in neurorehabilitation.
4. Enumerate causes of neurodevelopment disorders. Explain reflex maturation and testing.
5. Describe role of physiotherapy in Amyotrophic Lateral Sclerosis.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

6. Techniques and Uses of casting in neurorehabilitation
7. Thoracic outlet syndrome
8. Orthotic prescription following median nerve injury at the level of upper 1/3 of forearm
9. Gait in spastic paraplegia.
10. Role of Physiotherapy for Hereditary sensory motor neuropathy
11. Principles of Brininstrom's movement therapy.
12. Exercise prescription guidelines for muscular dystrophy
13. Management of motor paralytic bladder
14. Complications of encephalitis and role of Physiotherapy
15. Exercise prescription in Myasthenia gravis

SHORT ANSWERS

10 x 2 = 20 Marks

16. Obturator nerve palsy
17. ASIA scale
18. Principle underlying constraint induced movement therapy
19. Assessment of memory
20. Romberg's sign
21. Barthel index scale
22. Cogwheel rigidity
23. Tonic labyrinthine reflex
24. Innervation of lumbricals