



Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination - Sep 2012

Time: 3 Hours

Max. Marks: 40 Marks

Neurology **Q.P. Code : 2723**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2723 and 2724 are to be answered within total duration of 3 hours)

1 x 10 = 10 Marks

LONG ESSAYS (Answer any One)

1. Explain in detail about lesions in trigeminal nerve etiology clinical features & management
2. Etiology classification clinical features of epilepsy

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Athetosis
4. Downs syndrome
5. Transverse myelitis
6. Tetanus
7. Asphyxia

SHORT ANSWERS

5 x 2 = 10 Marks

8. Wilson's disease
9. Myoclonus
10. CSF examination
11. Rheumatic fever
12. Muscular dystrophy



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Neurosurgery **Q.P. Code : 2724**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2723 and 2724 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Brain tumors, causes, clinical features investigations & management
2. Head injury causes, clinical features investigation & management

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Transverse myelitis
4. Bowel dysfunction
5. Laminectomy – procedure & indication
6. Dandy walker syndrome
7. Septic encephalopathy

SHORT ANSWERS

5 x 2 = 10 Marks

8. Rhizotomy
9. Brucellosis
10. Athetosis
11. Clipping of aneurysm
12. Nerve biopsy

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Time: Three Hours

Max. Marks: 100 Marks

NEURO PHYSIOTHERAPY (RS-3 & RS-4)

Q.P. CODE: 2720

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Essays type (Answer any Two out of three)

2 x 10 = 20 Marks

1. What is Stroke? How will you manage a 55 years old unconscious hypertensive patient who has suffered from stroke in ICU?
2. Write classification of nerve injury. How will you manage case of Erb's palsy due to traction injury?
3. Explain Parkinsonian gait. How will you do gait training for 65 years old Parkinsonism patient?

Short Essays type (Answer any Twelve out of fourteen)

12 x 5 = 60 Marks

4. Write about importance of APGAR score in early diagnosis
5. Principles of Neuro Developmental approach
6. Physiotherapy management for case of meningitis in state of recovery
7. Write about management of spastic diplegic CP case
8. Types of neurogenic bladder
9. How will you manage a case of spinal cord injury at C-5, 6 level in acute stage?
10. Signs of cerebellar damage
11. Explain Wallerian degeneration following nerve injury
12. Functional evaluation in neurological cases
13. How will you assess balance in a neurological case?
14. Importance of developmental screening
15. Evaluation of cognitive status following head injury
16. Explain any two neurophysiological approaches for treatment of cerebral palsy
17. Pre operative physiotherapy evaluation and management for a case of brain tumor

SHORT ANSWERS

10 x 2 = 20 Marks

18. Gower's Sign
19. Evaluation of eleventh cranial nerve
20. Symptoms of brain tumor
21. Topographical classification of cerebral palsy
22. Doll's eye phenomenon
23. Sun set Sign
24. Bell's phenomenon
25. Evaluation of Stereognosis
26. Grades of Modified Ashworth Scale
27. Tremors in Parkinsonism

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IV Year B.P.T. Degree Examination – Sep 2012

Time: Three Hours

Max. Marks: 80 Marks

COMMUNITY MEDICINE

(RS – 3 & RS - 4)

Q.P. CODE: 2721

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. Describe the concept "Natural History of Disease" with the help of a schematic diagram. Mention the levels of prevention and modes of intervention
2. Describe the main differences between case – control and cohort studies
3. Describe the various Health Problem of the aged. Suggest remedial measures

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Demographic cycle
5. Screening for cancers
6. Causes of Maternal Mortality
7. Barrier methods of Family Planning
8. Epidemic
9. Determinants of Health
10. World Health organization
11. Principles and control of Hepatitis B
12. What are the aims and objectives of under – five clinics
13. Causes of Blindness in India

SHORT ANSWERS (Answer any Ten)

10 x 2 = 20 Marks

14. Window period
15. Modes of transmission of Rabies
16. Growth chart
17. Deformities in Leprosy
18. Critical path Method
19. Aedes Aegypti Index
20. Triage in Disaster management
21. Record linkage
22. Universal Barrier precautions
23. Quarantine

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Final year B.P.T. Degree Examination - Sep 2012

Time: Three Hours

Max. Marks: 100 Marks

COMMUNITY BASED REHABILITATION (RS-3 & RS-4)

Q.P. CODE: 2722

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. Write about Community Based Rehabilitation (CBR) under following heading **(3+4+3)**
 - Historical Review
 - Concept of CBR
 - Members of CBR Team
2. Write about Social worker under following headings **(2+3+5)**
 - Definition
 - History of Social Worker
 - Role of Social worker in rehabilitation
3. Write about importance of early intervention in high risk babies add a note on Genetic counseling **(6+4)**

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Extension services & mobile units
5. Prevention of disabilities
6. Immunization programmes
7. Explain about village rehabilitation worker
8. Define vocational training and its need
9. What is mental retardation, role of Physiotherapist in mental retardation?
10. Explain with example disability and handicap
11. Write about primary rehabilitation unit
12. Role of Physiotherapy in rehabilitation of a child with Downs Syndrome
13. Role of family members in the rehabilitation of physically handicapped
14. Write a note on meals on wheels in Geriatrics
15. Write the changes in Cardio respiratory system in Geriatrics
16. Role of Physiotherapist in stress management in Industrial setup
17. Ideal chair for computer worker

SHORT ANSWERS

10 x 2 = 20 Marks

18. Name two screening Tests in high risk babies
19. Classification of mental retardation
20. What is post polio residual paralysis?
21. Two functions of Anganwadi worker
22. Classification of cerebral palsy
23. Define survey
24. Name four international health organization
25. Functions of residential homes for aged
26. Define Institutional Based Rehabilitation
27. Name pelvic floor muscles