

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination – September 2014

**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

### **LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Write about assessment and PT management of 62 year old female in ICU following Head injury.
2. Enumerate types of muscular dystrophies. Write about clinical features, assessment and PT management of DMD in 8 year old boy.
3. Define cerebral palsy. Write about clinical features, assessment and PT management of 6 year old female with athetoid CP.

### **SHORT ESSAYS (Answer any Twelve)**

**12 x 5 = 60 Marks**

4. Write a note on constrained induced movement therapy.
5. Physiotherapy management of radial nerve palsy (Neuropraxia)
6. Explain the Post-operative PT management of sub arachnoid haemorrhage
7. Write about types of neurological bladder
8. Write about effects and uses of facilitatory techniques in Roods approach.
9. Write about effects and uses of weight bearing exercises in paediatric conditions.
10. Physiotherapy management of Waddling gait
11. Explain stages of recovery in stroke according to Brunnstrom and its uses.
12. Write about effects and uses of Wobble board in neurological rehabilitation.
13. Define perceptual disorders. Write about any two perceptual disorders.
14. Physiotherapy management for post-polio syndrome with duration of 1 year
15. Define spasticity. Write about causes of spasticity and its assessment methods.
16. Write about clinical features and PT management of amyotrophic lateral sclerosis.
17. Physiotherapy management of ultra high lesion of spinal cord injury

### **SHORT ANSWERS (Answer any Ten)**

**10 x 2 = 20 Marks**

18. Pointing Index
19. Battle's sign
20. Hyper kinetic gait
21. 4 uses of EMG bio feedback
22. Micrographia
23. Axonotmesis and Neuropraxia
24. Reflex grading
25. Agnosia and its types
26. Dysdiadochokinesia
27. Chorea

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**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. Enumerate Nutritional Disorders in India. Write in brief Epidemiology and prevention of protein Energy Malnutrition
2. Define Maternal Mortality rate. Write in brief preventive and social measures to reduce the same
3. What are the contents and principles of Health education?

#### **SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Remedial benefits under ESI Act
5. Uses of Epidemiology
6. Role of physiotherapists in prevention of Mental Retardation
7. UNICEF
8. Food Adulteration
9. Biological Transmission of Disease through vectors
10. What is primordial prevention? Explain with suitable examples
11. Pneumoconiosis
12. Iodine deficiency disorders
13. Job description of Multipurpose Health worker – Female

#### **SHORT ANSWERS (Answer any Ten)**

**10 x 2 = 20 Marks**

14. Physical quality of life index(PQLI)
15. Essential Newborn care
16. Dietary needs of pregnant women
17. Crude death rate
18. Importance of nutrition during pregnancy
19. Methods of waste disposal
20. Mention the three methods of Diet Survey
21. Residual chlorine
22. No Scalpel vasectomy
23. Man Made Malaria

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# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year BPT Degree Examination – September 2014

**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. Define ageing. Write in detail about rehabilitation programme for elderly people living in old age home in a community setup.
2. Define high-risk screening. Write detailed about early detection of disabilities. Add a note on prevention of disabilities.
3. Define CBR. Explain in detail about different types of agencies and their roles in Indian community.

### **SHORT ESSAYS (Answer any twelve)**

**12 x 5 = 60 Marks**

4. Principles of exercise prescription in elderly
5. Role of social worker in CBR
6. Write a note on Vocational rehabilitation services for persons with disability
7. Importance of genetic counseling
8. Management of dementia in community setup
9. Discuss ICF.
10. Mention the guidelines and procedure for disability evaluation for lower limb amputation.
11. District rehabilitation centers
12. Discuss community entry strategies.
13. What are the strategies to improve ADL for patient?
14. Role of family members in the rehabilitation of physically handicapped
15. Importance of parental counseling for children with disability
16. Define ergonomics. How to set an ideal chair for computer worker?
17. Management of cerebral palsy in community setup

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

18. What is PWD act?
19. Define rehabilitation.
20. Mention components of upper limb evaluation.
21. Mention the basic principles of CBR.
22. Functions of Red Cross in CBR
23. Day care centres
24. Camp approach
25. Write a short note on mobile units.
26. What is tertiary prevention?
27. Objectives of vocational training

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

**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)**

#### **LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Write about Myasthenia gravis, its causes, pathophysiology, investigations and management.
2. Classify polyneuropathy. Write about any two types of polyneuropathy, its causes, clinical features and management.

#### **SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Causes and clinical features of Bell's palsy
4. Tests of vestibular function
5. Clinical features of Cerebellar disorders
6. Perceptual disorders
7. Risk factors of stroke

#### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Dysphagia
9. Chorea
10. Causes of Encephalitis
11. Asphyxia
12. Importance of nerve biopsy

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Time: 3 Hours

Max. Marks: 40 Marks

## 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. Write about Coma and its management.
2. Write about Spinal tumours, its classification, clinical features and management.

#### **SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Klippel - Feil syndrome
4. Importance of evoked potentials
5. Arnold-Chiari malformation
6. Surgical management in spinal cord injury
7. Complications of open head injury and its management

#### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Embolization
9. Shunting
10. Brain haemorrhage
11. Cranioplasty
12. Decompression surgery

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