39 24

2723_2012_1_S182

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination - Feb / Mar 2012

Time: Three Hours **Max. Marks: 80 Marks**

NEUROLOGY & NEUROSURGERY

(RS - 3 & RS - 4)

Q.P. CODE: 2723 & 2724

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

Use separate answer books for section A and section B

Q.P. Code: 2723 – Section 'A' - Neurology (40 Marks)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Describe various types of Neuro Muscular disorders, write in detail about Myasthenia Gravis
2. Describe in detail about Neurological Syndromes caused by HIV

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Write the clinical differences between Neurogenic and Myogenic weakness
4. Write briefly about Eaton Lambart syndrome
5. Write a short note on Epilepsy with its classification, clinical features and treatment
6. Write the various causes of Coma and add a note on how to investigate
7. Write a short note on Wilson's disease

SHORT ANSWERS **5 x 2 = 10 Marks**

8. What is Neuro myelitis optica?
9. What is Brocha's aphasia?
10. What is syncope?
11. What is Migraine?
12. What is Tics?

Q.P. Code: 2724 – Section 'B' - Neurosurgery (40 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. STROKE SYNDROME – Investigation, differential diagnosis, Physiotherapy
2. Spinal cord injury – Clinical features, Physiotherapy, sphincter rehabilitation

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Brown sequard syndrome
4. Head injury – classification
5. Hydrocephalus – clinical features
6. Cerebral abcess – clinical features
7. Hemorrhagic stroke - causes

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Parkinson's disease surgery – Name two
9. Name two surgical procedures for Chronic Pain
10. Define Meningomyelocele
11. Contraindications for lumbar puncture
12. Plantar reflex

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40

2720_2012_1_S201

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination – Feb / Mar 2012

Time: Three Hours **Max. Marks: 80 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. Explain principles of assessment in brachial plexopathy. Add a note on differential diagnosis
2. Discuss the role of physiotherapy in spinal muscular. Atrophy (SMA). Enumerate the types of SMA
3. Describe physiotherapy intervention for dysfunction of the frontal lobes following cerebro vascular accidents

SHORT ESSAYS (Answer any Twelve) **12 x 5 = 60 Marks**

4. Brunnstrom's stages of functional recovery
5. ASIA scale and its clinical applicability
6. Explain the role of proprioceptive neuromuscular facilitation in parkinson's disease
7. Physiotherapy for posterior cord syndrome
8. Exercise prescription in Duchennes muscular dystrophy
9. Assessment for suspected klumpke's palsy
10. Functional analysis in Multiple Sclerosis
11. Role of physiotherapy in Downs syndrome
12. Orthotic prescription guidelines in common peroneal nerve palsy
13. Assessment of spasticity
14. Examination of III, IV and VI cranial nerves
15. PT management for post polio syndrome
16. Classification of motor neuron disease
17. Role of physiotherapy in urinary incontinence

SHORT ANSWERS (Answer any Ten) **10 x 3 = 30 Marks**

18. Brudenzki's sign and clinical inference
19. Choreiform gait
20. Dissociated sensory loss
21. Estimation of developmental age in paediatric neurology
22. Investigation findings in muscular dystrophy
23. Sign and symptoms in hydrocephalus
24. Transcortical aphasias
25. Functional consequences of head & eye dissociation abnormality
26. Unilateral neglect
27. Decereorate rigidity

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41 20

2721_2012_1_S185

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination – Feb / Mar 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

ESSAYS TYPE (Answer any two out of three) **2 x 10 = 20 Marks**

1. What are the problems of maternal and child health? What are the preventive and social measures that can be taken to reduce the maternal mortality and morbidity?
2. What is pneumoconiosis? Describe the various types of pneumoconiosis.
3. Define health. What are the various determinants of health?

SHORT ESSAYS TYPE (Answer any Eight out of Ten) **8 x 5 = 40 Marks**

4. Iceberg Phenomenon of disease
5. Universal immunization Programme
6. Levels of prevention & modes of intervention
7. Difference between case control and cohart study
8. Health hazards of biomedical waste
9. Sanitation Barrier
10. Diseases caused by Arthropod vectors
11. Difference between screening and diagnostic tests
12. Barriers in Communication
13. Intra uterine contraceptive device



SHORT ANSWERS **10 x 2 = 20 Marks**

14. Triage
15. Demographic cycle
16. Food guide pyrami
17. Objectives of RNTCP programme
18. Warning signals of cancer
19. Nosocomial infections
20. Treatment of multibacillary leprosy
21. Cold chain
22. Pulse polio programme
23. WHO



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2722_2012_1_S303

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year BPT Degree Examination – Feb / Mar 2012

Time: Three Hours **Max. Marks: 100 Marks**

COMMUNITY BASEDREHABILITATION

(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 impairment, Disability and Handicap with examples? What are the various models of disability and the importance of disability evaluation?
2. Define social work? What are the various methods of social work and the role of social work in CBR
3. What is vocational Rehabilitation? What is the role of vocational counselor and vocational training centre in rehabilitating the Handicapped

SHORT ESSAYS (Answer any twelve) **8 x 5 = 40 Marks**

4. Role of village rehabilitation worker (VRW) in CBR
5. Differentiate between institution based rehabilitation and community based rehabilitation
6. Discuss the various causes, types and methods of prevention of Disability
7. Enumerate the modifications required for architectural barriers faced by disabled
8. Differentiate the role of physiotherapist and Occupational Therapist
9. Explain the various types of urinary incontinence
10. Discuss the chemical hazards in industries
11. Explain about Early detection and Early intervention with appropriate examples
12. Evaluation of CBR program
13. Describe various developmental disorders seen in children
14. Primary health centers
15. CBR program for a young paraplegic.
16. Extension services and mobile units
17. Ergonomic measures for a computer professional.

SHORT ANSWERS **10 x 2 = 20 Marks**

18. Define genetic counseling
19. Decentralization in CBR
20. United Nations Development Programme (UNDP)
21. Heterogenic drug reactions
22. Role of Half way Homes
23. Ethics in Geriatric Rehabilitation
24. Causes of Mental Retarcation
25. PWD act 1995
26. Aids & appliances useful for Poliomyelitic patient
25. Functions of Regional centre

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