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Rajiv Gandhi University of Health Sciences

QP CODE : 2169

FINAL YEAR B.P.T. DEGREE EXAMINATION, September-2005
PHYSIOTHERAPY IN ORTHOPAEDICS

Time : Three Hours

Maximum Marks :100 Marks

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

Long Essays

1. Explain P.T management of total hip replacement after fracture of neck femur
2. Describe P.T management of osteo-arthritic knee joints.
3. What is PID? Write in brief about PT management of lumbar PID
4. Describe PT management & prosthesis for below knee amputation.
5. Explain PT management for soft tissue injury at ankle.

[4 x 10 = 40 marks]

Short Essays

6. PT management for bicipital tendinitis.
7. Describe RA hand & splints for correction.
8. Describe extension lag & PT management
9. Write a note on principles of tendon transfer.
10. Give PT management of CTEV.
11. Give PT management of TB hip.
12. Give pain relief measures for cervical spondylosis.
13. Describe causes of Volkmann's Iscflaemic
14. What is perthes diseases? Give its PT management contracture
15. PT management in Ankylosing spondylims

[8 x 5 = 40 marks]

Short Answers

16. Two uses of arthroscopy.
17. Cuases of avascular necrosis of femur.
18. Any two excercises in spondylo listhesis.
19. Ergonomic advise for backpain
20. Principles of maitland mobilization
21. What is carpal tunnel synrome?
22. Two strenghing exercise for recurent dislocation of shoulder.
23. Causes for prolapse of intervertebrial disc
24. Define scoliosis.
25. Give any two PT management for rotator cuff tear.

[10 x 2 = 20 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 2170

FINAL YEAR B.P.T. DEGREE EXAMINATION, September-2005

PHYSIOTHERAPY IN GENERAL MEDICINE including CARDIO THORACIC MEDICINE

Time : Three Hours

Maximum Marks :100 Marks

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

Long Essays

1. Define ulcer? Explain prevention and treatment of venous ulcer?
2. Plan out an inpatient physiotherapy programme for a 45 year old man following myocardial infraction.
3. Write physiotherapy management in case of left pheumothorax with inter costal drainage.
4. Write about the assessment and physiotherapy management of ankylosing spondylitis?
5. What are the clinical features of psorialsis? Write physiotherapy management in detail.

[4 x 10 = 40 marks]

Short Essays

6. Write the role of physiotherapist in risk factor modification for patient with stable angina.
7. What are the techniques used in cardiac rehabilitation
8. How Faradism under pressure is applied for oedema foot.
9. Explain intermittent claudication.
10. Explain different relaxation position for breathless patients.
11. Physiotherapy management in atreal septal defect.
12. Write the general sims of P T management intreating psychiatry patient.
13. Write about use of U. V.R. in case of ulcers.
14. Describe two methods of PNF of respiration.
15. What are the different methods of giving humidification?

[8 x 5 = 40 marks]

Short Answers

16. Define rickets?
17. Expalin "pump handle movement"
18. What is clubbing? What are its grades?
19. What is cyanosis? What are its types?
20. Define expiratory reserve volumes.
21. What are the clinical features of vitamin C deficiency?
22. What is Burgers disease?
23. Define pulmonary function test?
24. Uses of contrast bath in peripheral vascular diseases.
25. What is SIMV?

[10 x 2 = 20 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 2171

FINAL YEAR B.Sc. (PHSIOTHERAPY) DEGREE EXAMINATION, September-2005
PHYSIOTHERAPY IN NEUROLOGY & NEUROSURGERY

Maximum Marks :100 Marks

Time : Three Hours

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

Long Essays

1. Discuss the assessment & management of Gulliean Barre syndrome
2. Write the clinical features of parkinson's disease. Explain the management of the same
3. What is cerebral palsy? How will you assess a child with cerebral palsy.
4. Classify peripheral nerve injury. Write the management of radial nerve injury.
5. A 65 year old lady suffered stroke 2 days back. What is physiotherapy assessment & management?

[4 x 10 = 40 marks]

Short Essays

6. Types of motor neuron disease.
7. Tests used in cerebellar ataxia
8. Management of Erb's palsy
9. Types of neurogenic bladder
10. Write the differences between spasticity & rigidity.
11. Give the various electrodiagnostic tests used in nerve lesions.
12. What is voluntary control? How will you test its involvement?
13. Write briefly on various ovement disorders.
14. How do you manage acass of Bell's palsy
15. Write briefly on Votla's technique.

[8 x 5 = 40 marks]

Short Answers

16. EMG in myopathy
17. Gait in hemiplegia
18. Splint used in foot drop
19. Types of spina bifida
20. 4 symptoms of meningitis
21. Types of head injury
22. Importance of Tinnel's sign
23. What is shoulder hand syndrome
24. Advantages of MRI
25. What is brown sequard syndrome?

[10 x 2 = 20 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 2172

B.P.T DEGREE ExaminationOctober-2005
P.T. IN CARDIOTHORACIC CO
(Revised Scheme II)

Time : 3 Hrs

Maximum Marks :100 Marks

Long Essays

1. Write down the principles of tendon transfer. Describe the PT management following tendon transfer for a foot drop.
2. Outline an exercise program for a 24 year old primi-para who has normal delivery. Plan the program from early post natal period to late rehabilitation.
3. List the indications for herniectomy and elaborate on the physiotherapy management following the same.
4. Identify the different incisions used for cardiac surgeries and explain the post-operative PT management following mitral valve replacement.
5. Explain with a diagram the "rule of nine". Give the PT management following anteridr surface of neck and chest.

[4 x 10 = 40 marks]

Short Essays

6. Enumerate 5 principles of tendon transfer
7. Give 5 aims of PT management following cholecystectomy.
8. What is pelvic diastasis? Give the exercises prescribed to overcome the same.
9. Describe the role of electrotherapy in wound management.
10. Outline 5 complications seen following cabg surbergy.
11. List the different types of nebulisers. Explain any one in detail.
12. Explain the technique of bronchial cleaance in a patient pre operatively who is to undergo middle lobe lobectomy.
13. Describe the role of physiotherapy in the management of stress incontinence.
14. Describe two methods of pain management in a case of malignancy of uterus.
15. List any five modes seen on a ventilator. Give the importance for each.

[8 x 5 = 40 marks]

Short Answers

16. Give the use of incentive spirometer.
17. What is decortication of lung?
18. Two complications following radical mastectomy.
19. List the degree of prolapse-uterus
20. Give 2 physiological effects of breathing exercise.
21. Identify 2 complications following tonsillectomy.
22. Define split-skin graft.
23. Give the importance of pulmonary rehab.
24. Give 2 complications seen following suctioning.
25. What is pelvic inflammatory disease.

[10 x 2 = 20 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 2173

FINAL YEAR B.P.T. DEGREE EXAMINATION, October-2005
COMMUNITY BASED REHABILITATION

Time : Three Hours — Maximum Marks :80 Marks

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

Long Essays

1. Explain the role of the community in community based rehabilitation (CBR)
2. Explain the functions of primary health centre.
3. Describe the home modifications required for wheel-chair ambulation.

[2 x 10 = 20 marks]

Short Essays

4. Non-government organisation in CBR.
5. Importance of school screening.
6. What is pre-vocational evaluation and give its importance.
7. Active surreillance
8. Social problems of old age.
9. Day-care centers.
10. Importance of statistics in CBR.
11. Role of communication in CBR.
12. Bracing material in rural rehabilitation.
13. Define survey and give its importance

[8 x 5 = 40 marks]

Short Answers

14. What is vocational rehabilitation
15. Classify disability.
16. What is impaviment.
17. Role of social worker
18. Give 2 goals of vocational rehabilitation.
19. Wat is a vertical survey.
20. Give 2 importance of family in CBR.
21. What is epidemiolog.
22. Give 2 schemes available for the disabled
23. What is world disabled day.

[10 x 2 = 20 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 2174

FINAL YEAR B.P.T. DEGREE EXAMINATION, October-2005
ALLIED THERAPEUTICS

Time : Three Hours

Maximum Marks :80 Marks

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

Long Essays

1. What is pranayama? Describe the different types of pranayama and its uses in physiotherapy.
2. What is somatotyping? Write about the methods of measuring body composition.
3. List the tests commonly employed to assess aerobic fitness. Explain any one in detail.

[2 x 10 = 20 marks]

Short Essays

4. Explain carbohydrate loading
5. Write briefly motor skill related physical fitness.
6. Explain blood doping.
7. Role of relamation in management of stress.
8. Intrinsic factors contributing to sports injuries.
9. Role of physiotherapist in an acute sports injury involing a ligament.
10. Write in short about the essential nutrients of our diet and explain the role of proteins.
11. Define inco-ordination and explain briefly exercises for the same.
12. Explain complication following accupuncture.
13. Describe treadmill test.

[8 x 5 = 40 marks]

Short Answers

14. Name the "stressers"
15. Define sprain
16. 2 functions of fat in the body
17. Special test for medical collateral ligament of elbow.
18. Define "body mass inden"
19. Define Fartlek training.
20. 2 uses of "cool down"
21. Define obesity
22. What is vajnasana
23. What are eccentric exercises.

[10 x 2 = 20 marks]

