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2169

Rajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T Degree Examination – March 2009

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

PHYSIOTHERAPY IN ORTHOPEDICS
(OS, RS & RS2)

Q.P. CODE: 2169

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. How do you manage a 70-year-old man who has intracapsular fracture of femur and decided to go with painless pseudoarthrosis?
2. Assessment and management of T-9 vertebral fracture
3. How do you manage a 20-year-old male with ankylosing spondylitis?
4. Causes and management of acquired scoliosis
5. Explain the assessment procedure and management of CTEV

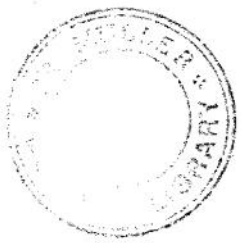
SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

6. Prosthetic knee joint
7. Types of stump bandage
8. Indications and management of arthrodesis of hip
9. Torticollis
10. Volkman's ischemic contracture
11. Bennet's fracture and its physiotherapy management
12. Hip, knee, ankle, foot, orthosis
13. Wheel chair
14. Calcaneal spur

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

15. Sequestrum
16. Pott's spine
17. Faber's test
18. Patella compression test
19. Delayed union
20. 'Z' plasty
21. Sulcus sign
22. Meta tarsalgia
23. Wrist drop
24. Gouty arthritis

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2170

Rajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T. Degree Examination – March 2009

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

PHYSIOTHERAPY IN GENERAL MEDICINE including CARDIO THORACIC MEDICINE - (OS, RS & RS2)

Q.P. CODE: 2170

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. Write the classification of peripheral vascular diseases. Explain the clinical features and physiotherapy management for any one
2. Give a pulmonary rehabilitation program for a 50 year old male who is a chronic COPD, taking the problem list into consideration
3. Write about the assessment and physiotherapy management of osteoarthritis of knee joint
4. Explain the risk factors for ischemic hear diseases and write down phase I management of a 40 year old male patient who has suffered a myocardial infarction
5. A patient with right sided pneumothorax is on intercostals drainage tube. Write down the physiotherapy assessment and management for the same patient

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

6. What is Alopecia? Write physiotherapy management for the same
7. Write a note on "Nebulizers"
8. Describe the postural drainage position for right upper lobe and right middle lo be of lung
9. Explain management of chronic inflammation
10. Explain use of "Flutter" in Bronchial hygiene therapy
11. Write down the physiotherapy management for right lower lobe bronchietersis
12. Aims of physiotherapy management in treating psychiatry patients
13. Explain the pathophysiology of corpulmonale
14. Write a note on oxygen therapy
15. How can you prevent complications of deep vein thrombosis?

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

16. Give two clinical features of vit-C deficiency
17. What is CMV mode?
18. Give any four uses of breathing exercises
19. What is paroxysmal nocturnal dyspnoea?
20. What is the genetic defect in cystic fibrosis?
21. Explain Bronchopulmonary fistula
22. What is paradoxical breathing?
23. How will you calculate karnovens formula?
24. What is Swan-neck deformity?
25. Borg scale of perceived exertion

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Rajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T. Degree Examination – March 2009

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. Define and classify polyneuoropathy. And discuss the management of diabetic neuropathy
2. Discuss the management of head injury patient in various phases of rehabilitation
3. What is Duchene's muscular dystrophy? Discuss the management of same
4. Explain the assessment of a patient with middle cerebral artery lesion, and explain the role of physiotherapist in rehabilitation of same
5. Explain the signs and symptoms of Parkinsonism and management of same

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

6. Explain normal developmental sequences of new born child
7. Define and explain Equilibrium test used in cerebellar ataxia
8. Explain axon and dendrite with labeled diagram
9. Differentiate between UMN and LMN lesion
10. Explain the primitive reflexes
11. Discuss the clinical features of minimal brain damage
12. Explain bells palsy and management of same
13. Explain alcoholic neuropathy
14. Roods approach
15. Explain S.D curve with clinical importance of same

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

16. Define hemiballismus
17. Glasgow out come scale
18. Bulbocavernosis reflex
19. Define cruising
20. Define Apgar score
21. Define astereognosis
22. Define axonoctmosis
23. Explain Tandem walking
24. What is motor aphasia
25. Give two uses of lumbar puncture

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ajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T. Degree Examination – March 2009

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

PHYSIOTHERAPY IN GENERAL SURGERY including CARDIOTHORACIC CONDITIONS - (OS, RS & RS2)

Q.P. CODE: 2172

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

3 ESSAYS (Answer any Four) **4 x 10 = 40 Marks**

Explain in detail the rehabilitation program for a post pneumonectomy (right side) patient in I. C. U

Explain about the PT assessment & cardiac rehabilitation for a patient who has undergone CARG

Explain in detail about the pre & post-operative assessment & Management in leprosy with bilateral total claw hand

Explain the detail antenatal programme for a primigravida. Add a note on high risk pregnancies

Define & classify ulcers & describe management of varicose ulcers of the leg

RT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

Enumerate pelvic floor muscles. Describe the strengthening program for pelvic floor muscles

Explain in brief about PT management in otitis Media

Describe Bruce protocol & its clinical importance

Define humidification & its types

Mention the different types of ventilator. Write a note on weaning from ventilator

Describe the deformities & contractures in a polio patient with the surgical & P.T management

Management of pain in cancer patient

P.T *management following spleenectomy*

Explain the various prolapses of the pelvic floor Muscles. Explain in detail about the role of P.T. following uterine prolapase

Describe the incisions used in cardio thoracic surgery & the indication & CI for the same

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

What is ventilation perfusion ratio?

Deformities of the chest

Broncho pulmonary fistula

Stages of clubbing

What is *cardiac tamponade*?

Importance of pursed lip breathing

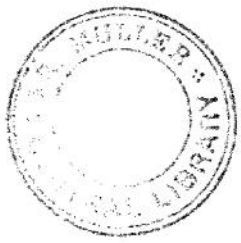
Define tress test

Importance of pressure garments in burns

AMBU Bag

Define thoracoplasty

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2173

Rajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T. Degree Examination – March 2009

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

COMMUNITY BASED REHABILITATION
(OS, RS & RS2)

Q.P. CODE: 2173

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. Discuss the role of physiotherapist the post natal phase for the mother, child and family
2. Discuss Institution Based Rehabilitation Versus Community Based Rehabilitation
3. Explain about health delivery systems in India

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

4. Hurdles in CBR
5. Define and compare impairment & disability with example
6. Age related problems in various system of body
7. Survey and its importance
8. Cohort study
9. Environment modifications for wheel chair bound paraplegic
10. Low cost aids and appliances. What and why?
11. Discuss health promotion in your work place
12. Role of community health workers
13. Benefits for disabled in India

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

14. What is vertical survey?
15. Diabetes foot care
16. Two functions of Primary health center
17. Need of CBR
18. WHO
19. Mobile Unit
20. Define Handicap
21. Two international level health programs
22. Mode of spread of poliomyelitis
23. Four complications after pregnancy

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2174

ajiv Gandhi University of Health Sciences, Karnataka

Final year B.P.T. Degree Examination – March 2009

Max. Marks: 80 Marks

Three Hours

ALLIED THERAPEUTICS
(OS, RS & RS2)

Q.P. CODE: 2174

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

2 x 10 = 20 Marks

G ESSAYS (Answer any Two)

1. Write in detail about the various types of training methods, physiological effects and its principles.
2. Define body composition. Describe the different methods of body composition analysis
3. What is Eustress? Write in detail the various stress management strategies employed by the athletes

8 x 5 = 40 Marks

ORT ESSAYS (Answer any Eight)

4. Define agility and explain the agility training for a soccer player
5. Blood doping, its procedure, advantages and disadvantages
6. Sun therapy and its benefits
7. Therapeutic effects of Acupuncture
8. What is cardiorespiratory endurance? Explain the methods to evaluate the cardiorespiratory endurance
9. Describe the functions of carbohydrates and fats
10. What is pranayama? Explain the benefits of pranayama
11. Write about the causes of fatigue. Management of fatigue from physiotherapist's perspective
12. Indications and contraindications of magnetotherapy
13. Explain the various intrinsic and extrinsic factors causing sports injuries

10 x 2 = 20 Marks

HORT ANSWERS

14. Hazards of anabolic steroids – any two
15. Define plyometrics
16. Mention submaximal tests
17. Metabolic primer
18. Mention two effects of Sauna bath
19. Basic food pyramid – only diagram with label
20. Use of topical ointments in sports
21. Grades of strain
22. Define contact sports. Give examples
23. Define periodization

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