

**QP CODE:303014**

**Reg.No.....**

**Third Year BPT Degree Supplementary Examinations, April 2014**

**Clinical Orthopedics and Sports Medicine**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Discuss the classification, clinical features, radiological findings and management of scoliosis.
2. Explain the peri arthritis shoulder - its clinical features, phases and management.

**Short essays:**

**(4x8=32)**

3. Describe the clinical features and treatment of congenital talipes equino varus (CTEV)
4. What are the indications for amputation. Discuss the complications following amputation.
5. Discuss the classification, clinical features, diagnosis and management of supra condylar fracture of humerus.
6. Briefly discuss the clinical features, radiological features and non operative treatment of inter vertebral disc prolapse (IVDP)

**Answer briefly:**

**(10x4=40)**

7. Fat embolism – clinical features and management.
8. Radiological signs of primary osteoarthritis of knee joint.
9. Thoracic outlet syndrome
10. Hansen's disease
11. Tennis elbow
12. Recurrent dislocation of patella
13. Meniscal injuries of knee
14. Clinical features and radiological features of chronic osteomyelitis.
15. Grades of spondylolisthesis and its medical management.
16. Complications of Colle's fracture.

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**QP CODE:303014**

**Reg.No.....**

**Third Year BPT Degree Examinations, October 2013**

**Clinical Orthopedics and Sports Medicine**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Explain in detail the types, clinical features and management of supracondylar fracture of humerus
2. Explain in detail about below knee amputation.

**Short essays:**

**(4x8=32)**

3. Explain recurrent dislocation shoulder.
4. Discuss Bennett's fracture.
5. Discuss the conservative and surgical management of foot drop.
6. Explain about osteoarthritis knee.

**Answer briefly:**

**(10x4=40)**

7. Osteochondroma
8. Genu recurvatum
9. Rotator cuff injury
10. Gout
11. Wrist drop
12. Cervical rib
13. Cobb's angle
14. Reflex sympathetic dystrophy
15. Myofascial pain syndrome
16. Swan neck deformity

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**QP CODE:303014**

**Reg.No.....**

**Third Year BPT Degree Examinations, October 2014**

**Clinical Orthopedics and Sports Medicine**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Explain in detail the pathology, clinical features, radiological features and management of rheumatoid arthritis.
2. Explain in detail the classification, clinical features and management of scoliosis.

**Short essays:**

**(4x8=32)**

3. Discuss club foot.
4. Explain myositis ossificans.
5. Explain in detail about anterior dislocation of shoulder.
6. Describe lumbar spondylosis in detail.

**Answer briefly:**

**(10x4=40)**

7. Trigger point
8. Colle's fracture
9. Fibromyalgia
10. Rheumatoid factor
11. Tennis elbow
12. Osteosarcoma
13. Flat foot
14. Quadriceps rupture
15. Vertebro – basilar syndrome
16. Spondylolisthesis

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**QP CODE:301014**

**Reg.No.....**

**Third Year BPT Degree Supplementary Examinations, April 2014**

**General Medicine and General Surgery**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. Define rheumatic fever. Write about the clinical features, criteria for diagnosis and investigations in rheumatic fever. Add a note on management of rheumatic fever.

(2+ 2+3+3+4)

2. Explain the aetiology, clinical manifestations, diagnosis and treatment of pulmonary tuberculosis. Add a note on DOTS

(1+2+2+4+3)

**Short essays:** **(4x8=32)**

3. Write a note on Clinical Features, Classifications, Complications and Management of Burns

4. Clinical features, investigations and treatment of haemophilia

5. Types of anaesthesia and its affects on the patient

6. Clinical features, diagnosis and management of deep vein thrombosis

**Answer briefly:** **(10x4=40)**

7. Pulmonary function tests

8. Aetiology and pathogenesis of diabetes mellitus

9. Buerger's disease

10. Tetology of fallot

11. Empyema thoracis

12. Colostomy

13. Alpha-1 antitrypsin deficiency

14. Dermatitis

15. Hyperkalemia

16. Skin grafting

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**QP CODE:301014**

**Reg.No.....**

**Third Year BPT Degree Examinations, October 2013**

**General Medicine and General Surgery**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. Define chronic obstructive pulmonary disease. Explain the etiology, clinical features, investigations and treatment of COPD. (2+ 2+3+3+4)
2. Mention the etiology and clinical features of viral hepatitis. Discuss the investigations, complications and prevention of hepatitis B. (2+3+3+2+2)

**Short notes:** **(4x8=32)**

3. Mention the etiology, clinical features, acute and chronic complications of diabetes mellitus
4. Mention the etiology, clinical features and investigations to be performed in megaloblastic anaemia and add a note on its management.
5. Etiology, clinical features, investigations and treatment of peritonitis.
6. Describe Jones criteria for diagnosis of rheumatic fever. Add a note on management of rheumatic fever.

**Answer briefly:** **(10x4=40)**

7. Classes of anti-retroviral drugs used in treatment of HIV/AIDS
8. Achalasia cardia
9. Long term complications of haemophilia
10. Causes, clinical features and investigations of pleural effusion
11. Pneumonectomy
12. Clinical features, investigations and management of ulcerative colitis
13. Management of status epilepticus
14. Definition and classification of burns
15. Types and uses of flaps
16. Etiology, classification and treatment of leprosy

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**Reg.No.....**

**Third Year BPT Degree Examinations, October 2014**

**General Medicine and General Surgery**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. Define and classify hypertension. List the causes of secondary hypertension. Mention the investigations to be performed in a case of hypertension and add a note on its management (2+ 2+3+3+4)
2. Mention the causes of upper GI bleed. Explain the clinical features, investigations and management of a case of upper GI bleed (3 +3+4+4)

**Short essays:** **(4x8=32)**

3. Mention the causes of pancreatitis. Explain the clinical features, investigations and treatment of acute pancreatitis
4. Medical and surgical management of lower motor neuron type of facial palsy
5. Complications of blood transfusion
6. Mention the causes, clinical features, investigations and treatment of iron deficiency anaemia.

**Answer briefly:** **(10x4=40)**

7. Reflux oesophagitis
8. Cerebral palsy
9. Differences between obstructive and restrictive lung diseases
10. Management of bronchiectasis
11. Laparoscopy
12. Raynaud's disease
13. Chest wall deformities
14. Clinical features of Cushing's syndrome
15. Management of obesity
16. Gastroenteritis

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**Third Year BPT Degree Supplementary Examinations, April 2014**

**Physiotherapy in General Medicine and General Surgery**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. A 38 years old female, has undergone lobectomy of the right upper lobe and is presently on ICD. Explain the physiotherapy assessment and management in detail. Add a note on ICD care
2. Explain the types of skin grafts. Explain the physiotherapy management for a 17 years old male, who has 60% burns. Add a note on possible complications associated with it.

**Short essays:** **(4x8=32)**

3. Mention the PT management for a 56 years old female who has undergone radical mastectomy. Add a note on possible complications and role of physiotherapy in preventing the same.
4. Mention the musculoskeletal complications of pregnancy. Explain the PT management of any two musculoskeletal complications.
5. How will you prescribe exercise for a 46 years old housewife, diagnosed with non insulin dependent diabetes mellitus.
6. Define ulcer. List the differences between arterial and venous ulcers.

**Short answers:** **(10x4=40)**

7. What is diastasis rectus.
8. Rule of 9 in burns
9. What is the dosage of UVR in acne vulgaris
10. Karvonens formula
11. PUVA therapy
12. Any four risk factors for atherosclerosis
13. Any two tests to assess balance
14. What is mean arterial pressure.
15. Thoracoplasty
16. Contra indications of exercise therapy.

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**Reg.No.....**

**Third Year BPT Degree Examinations, October 2013**

**Physiotherapy in General Medicine and General Surgery**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. What is intermittent claudication and explain its pathophysiology. How would you differentially diagnose. Explain the role of physiotherapy in managing intermittent claudication.
2. What are the benefits of exercises. Describe the hysiotherapy management for a 60 years old diabetic patient

**Short essays:** **(4x8=32)**

3. Explain the physiotherapy management for the patient with 46% of burns, who has undergone skin grafts on trunk and lower limb.
4. P.T. Management of varicose vein and ulcer
5. Importance of ante natal and post natal exercises
6. What is leucoderma. Explain PT management for the same

**Short answers:** **(10x4=40)**

7. Normal ECG wave
8. Six minute walk test
9. Glasgow coma scale
10. Risk factors for osteoporosis
11. Note on oedema
12. DVT prevention
13. Diastasis recti
14. Obesity
15. Burgers disease
16. Exercise prescription for elderly

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**QP CODE:304014**

**Reg.No.....**

**Third Year BPT Degree Supplementary Examinations, April 2014**

**Physiotherapy in Orthopedics and Sports**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** (2x14=28)

1. 20 years old student presents with thoracic outlet syndrome. What would be the common postural abnormalities seen and how will you manage the same
2. Physiotherapy assessment and management of recurrent dislocation of shoulder

**Short essays:** (4x8=32)

3. Limb length discrepancy
4. Indications and contraindications of maitland's mobilization
5. Exercise program for ankylosing spondylitis
6. Physiotherapy assessment of TB spine

**Answer briefly:** (10x4=40)

**Explain the PT management of the following :**

7. Volkmann's ischemic contracture
8. Fractures of the pelvis
9. Medial meniscal injury
10. Gout
11. Genu recurvatum
12. Boutonniere deformity
13. Acromioclavicular joint strain
14. Excision arthroplasty
15. Cerebral palsy
16. Rheumatoid arthritis

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**Reg.No.....**

**Third Year BPT Degree Examinations, October 2013**

**Physiotherapy in Orthopedics and Sports**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Define spondylolithesis and explain the clinical presentation of the same.  
Mention in detail the physiotherapy management of a 40 years old patient diagnosed with spondylolisthesis
2. 45 years old female patient presents to you with knee osteoarthritis.  
Highlight your assessment and treatment priorities

**Short essays:**

**(4x8=32)**

3. Etiology and pathogenesis of tennis elbow
4. Ankle foot orthosis
5. Briefly describe the types of spinal traction and its indications
6. Mention two tests utilized to diagnose impingement syndrome of shoulder.  
Describe them in detail

**Answer briefly:**

**(10x4=40)**

**Explain the PT management of the following:**

7. Plica syndrome
8. Painful arc syndrome
9. Golfer's elbow
10. Dequervain's disease
11. Cervical radiculopathy
12. Osteomyelitis
13. Sacralisation
14. soft tissue injury
15. Above knee amputation
16. Colles fracture

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**QP CODE:304014**

**Reg.No.....**

**Third Year BPT Degree Examinations, October 2014**

**Physiotherapy in Orthopedics and Sports**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. Define rheumatoid arthritis (RA). Describe the physiotherapy assessment and management for RA. Add notes on home program for RA.
2. What is arthroplasty. Explain the pre and post operative management of total hip arthroplasty.

**Short essays:** **(4x8=32)**

3. Physiotherapy management of CTEV.
4. List abnormalities of the spinal column and explain any one in detail.
5. Physiotherapy management of leprosy.
6. Explain in detail the stages of soft tissue healing. Discuss the treatment guidelines for acute soft tissue injuries.

**Answer briefly:** **(10x4=40)**

7. Plantar fasciitis.
8. Inter vertebral disc prolapse.
9. Myositis ossificans.
10. Maitland mobilisation.
11. Spina bifida occulta.
12. Stump care after amputation.
13. Septic arthritis.
14. Discuss the role of special tests in orthopedic assessment. Explain with example
15. Assessment by palpation.
16. Fracture clavicle.

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**QP CODE:302014**

**Reg.No.....**

**Third Year BPT Degree Examinations, October 2014**

**Physiotherapy in General Medicine and General Surgery**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** **(2x14=28)**

1. Define cholecystectomy and explain in detail about the post operative assessment and physiotherapy management
2. Mention the musculoskeletal complications of pregnancy. Add a note on PT management for any four musculoskeletal complications

**Short essays:** **(4x8=32)**

3. Explain the clinical features and physiotherapy management for hansen's disease
4. Physiotherapy management of a 23 years old female suffered with right upper limb and anterior chest wall full thickness burns.
5. Explain the principles of exercise prescription with appropriate examples
6. Physiotherapy management of cancer pain.

**Short answers:** **(10x4=40)**

7. Physiotherapy management of psoriasis
8. Complications of below knee amputations
9. Positioning the patient following pneumonectomy
10. Physiotherapy management for diabetes"
11. Risk factors for fall in elderly
12. Pelvic floor muscles
13. Intermittent claudication
14. Indications for exercise testing
15. Complications of radical mastectomy
16. Body mass index and its significance in health care

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**QP CODE:305014**

**Reg.No.....**

**Third Year BPT Degree Supplementary Examinations, April 2014**

**Rehabilitation & Bio Engineering**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Explain the role of P.T and O.T in rehabilitation.
2. Explain the general principles, types, uses and indications for orthoses.

**Short essays:**

**(4x8=32)**

3. Assessment of the stump
4. Wheel chair
5. Levels of amputation
6. Vocational training

**Answer briefly:**

**(10x4=40)**

7. Milwaukee brace
8. Axillary crutches
9. Artificial larynx
10. Autism
11. International health organization
12. Role of P.T in CBR
13. Handicapped
14. Ankle foot orthoses
15. SOMI braces
16. Wrist drop

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**QP CODE:305014**

**Reg.No.....**

**Third Year BPT Degree Examinations, October 2013**

**Rehabilitation & Bio Engineering**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Define physical rehabilitation. Explain in details about the role of each member in rehabilitation team.
2. Explain the models of disability. Discuss about the levels of prevention in disability with suitable examples.

**Short essays:**

**(4x8=32)**

3. Principles and uses of orthoses
4. Community based rehabilitation
5. Architectural barriers
6. Vocational rehabilitation

**Answer briefly:**

**(10x4=40)**

7. Primary health centre
8. Walking aids
9. Speech disorders
10. Wheel chair
11. Cervical orthoses
12. Voluntary health organizations
13. SACH foot
14. World health organization
15. Complications in amputation
16. Cock-up splint

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