

[KD 922]

Sub. Code : 5177

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Sixth Semester/Eighth Semester

(Revised/Transitory/Modified Regulations)

Paper II — P.T. IN ORTHOPAEDICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) An young adult sustained fracture of both bones of Rt lower leg (TIBIA and FIBULA) and was managed conservatively. Describe the P.T. management during immobilisation. When immobilisation is removed and mobilisation allowed.

(b) A 45 year old housewife developed intervertebral disc prolapse at the level of L₅ and S₁, she has refused surgery; List down the P.T. aims and discuss the P.T. techniques for this women with disc lesion towards relief of neurological symptoms.

2. Write short notes on any SIX of the following :
(6 × 5 = 30)

- (a) Tuberculosis of spine.
- (b) Dupeytre's contracture.
- (c) Recurrent dislocation of patella.
- (d) Fracture head of radius.

- (e) Potts fracture.
- (f) Fracture of metatarsal/march fracture.
- (g) Ankylosing spondylitis.
- (h) Shoulder hand syndrome.

3. Write an essay on any ONE of the following : (20)

(a) Outline PT assessment of 40 year old woman with Rheumatoid arthritis; List down the deformities met with rheumatoid hands; Describe the P.T. management of an young housewife with Rheumatoid arthritis badly affecting her both hands during the Chronic Stage.

(b) Review the common deformities seen in leprosy patients. Describe the surgical correction of deformities in leprosy. Give a brief outline on care of anaesthetic limbs.

4. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Relevant first aid measures to be offered to patients with burns.

(b) Check out orthosis and care of orthosis in polio children.

(c) Postural abnormalities affecting the spine.

- (d) Rupture of Tendo-Achillus.
- (e) Hand and Foot Splints out of POP.
- (f) Lower limb prostheses.
- (g) Fibromyositis.
- (h) Teno-synovitis.

[KE 922]

Sub. Code : 5177

BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Sixth/Eighth Semester

(Revised/Transitory/Modified Regulations)

Paper II — P.T. IN ORTHOPAEDICS
(PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS)

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Describe the clinical features and P.T. management of "Bamboo Spine".

(b) Write the indication and principles of Amputations. Describe the P.T. Management and training of before and after prosthetic fitting.

2. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Torticollis

(b) Complications and P.T. Management of supracondylar fracture

(c) Fracture complication and management

(d) Antalgic gait

(e) P.T. Management of Burns

(f) Tripod sign

(g) Periarthritis

(h) Bursitis.

3. Write any ONE of the following : (20)

(a) Describe the types and degrees of Burns. Discuss in detail the Burns REHABILITATIONS.

(b) Describe the physiotherapeutic management of ANTERIOR POLIO-MYELITIS.

4. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Lumbo sacral corset

(b) P.T. Management during orthopaedic traction

(c) Orthopaedic surgical complications and its management

(d) Skin grafting

(e) P.T. management of Leprosy

(f) Management of Poly arthritis

(g) Advantages and disadvantages of upper and lower limb orthoses

(h) Patella Fracture.

March-2002

[RG 522]

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth/Eighth Semester

(Revised/Transitory/Modified Regulations)

Paper II — P.T. IN ORTHOPAEDICS
(PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS)

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Define Colles fracture. Describe the management in a 40 yr old lady with Colles fracture. What are the various complications following Colles fracture?

(b) Classify Intracapsular fracture of head of femur. Describe management in a 60 yr old lady with subcapitate fracture of head of femur.

2. Write short notes on any SIX of the following :

(6 × 5 = 30)

(a) How do you measure various parameters of a scoliotic curve?

(b) Explain rationale of any two electrotherapy modalities in chronic periarthrititis of shoulder.

- (c) Describe the management of trigger finger.
- (d) Describe various parameters of an ideal stump following amputation.
- (e) What is claw hand; describe certain splints + prevent clawing?
- (f) Describe a regimen of treatment immediately following an acute intervertebral disc prolapse.
- (g) How do you prevent contractures in a Burns patient?
- (h) Describe P.T. role in convalescent stage of Poliomyelitis.

3. Write an essay on any ONE of the following : (20)

(a) Give five reasons for development of osteoarthritis. Describe management in a 50 yr old woman with bilateral osteoarthritis.

(b) Describe long-term management in a 20 yr old male suffering from ankylosing spondylitis.

4. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) What is true Quadriceps lag? How do you re-educate this condition?

(b) Describe five complications of a fracture.

(c) How do you rehabilitate a patient recurrent ankle sprain?

(d) Describe the principle and functions of Milwaukee brace.

(e) Describe management in a case of Volkmann's Ischaemic Contracture.

(f) Describe care of an anesthetic foot.

(g) Describe a home program for a patient with cervical spondylosis and add a note on care to be taken.

(h) List common deformities in lower limb poliomyelitis and give general preventive measures.

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[KH 922]

Sub. Code : 5177

BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Sixth/Eighth Semester

(Revised/Transitory/Modified Regulations)

Paper II — P.T. IN ORTHOPAEDICS

(PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS)

Time : Three hours

Maximum : 100 marks

Write an essay on any ONE of the following : (20)

(a) Define Lumbar Spondylolisthesis. Discuss in detail the long term rehabilitation of 55 year old man with L4-5 spondylolisthesis.

(b) Classify the different types of shoulder dislocation. Discuss the post operative physiotherapy management of a patient with anterior dislocation of shoulder.

Write short note on any SIX of the following :

(6 × 5 = 30)

(a) Wrist Drop

(b) Cervical Spondylosis – PT management

(c) Carpel Tunnel syndrome

(d) Types of Leprosy

(e) Clinical presentation of L5-S1 disc prolapse

(f) Prosthetic training for below knee amputee

(g) Physiotherapy management following patellectomy.

3. Write any ONE of the following : (20)

(a) Discuss the causes and clinical features of lumbar spondylosis. Give ergonomical advice to a 45 year old post menopausal house wife based on biomechanical principles.

(b) Define Osteoarthritis. Discuss the clinical feature and physiotherapy management of Osteoarthritis.

4. Write short note on any SIX of the following :
(6 × 5 = 30)

(a) Claw hand

(b) Home programme for a 40 year old lady with frozen shoulder.

(c) PT management of Stiff hand

(d) Foot drop

(e) Plantar Fascitis

(f) Colle's fracture

(g) Supra spinatus Tendinitis.

[KI 922]

April-2003

Sub. Code : 5177

BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Sixth/Eighth Semester

(Revised/Transitory/Modified Regulations)

Paper II — P.T. IN ORTHOPAEDICS
(PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS)

Time : Three hours

Maximum : 100 marks

SECTION A

1. Write an essay on any ONE of the following : (20)

(a) Plan out the P.T. programme for flexion contracture of knee.

(b) Plan out the PT programme for Low Back Pain due to Disc Prolapse.

2. Write short notes on any SIX of the following :

(6 × 5 = 30)

(a) Postural Hypotension

(b) Lordosis

- (c) Osteoporosis
- (d) Deep vein thrombosis
- (e) Stimulation under pressure
- (f) Paradox respiration
- (g) Quadriceps lag
- (h) Arthroplasty.

- (c) Thomas test
- (d) Panthom hornia
- (e) Isometric neck muscle exerci
- (f) Brachialgia
- (g) Golfer's elbow
- (h) Plantar fascitis.

SECTION B

3. Write any ONE of the following : (20)

(a) Planout PT programme for immobile patient due to T₆ paraplegia.

(b) Define fracture. Discuss the sign symptoms complications and physiotherapy management of fracture both bones of leg.

4. Write short notes on any SIX of the following :
(6 × 5 = 30)

(a) Burger's exercises

(b) Genurecurvatom

[KI 989]

Sub. Code : 5184

**BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.**

Eighth Semester

(New Modified Regulations)

**Paper I — PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS**

Time : Three hours

Maximum : 100 marks

Write an essay on any ONE of the following : (20)

(a) Differentiate between Rheumatoid Arthritis and Osteoarthritis. Describe the physiotherapy treatment of Osteoarthritis knee in detail.

(b) Write down the principles of tendon transfer. Mention in detail the pre-operative assessment and post-operative physiotherapy treatment for a leprosy patient with bilateral claw hand.

Write physiotherapy treatment on any SIX of the following : (6 × 5 = 30)

- (a) Patellar dislocation
- (b) Inhalation burns
- (c) Tendoachillis bursitis
- (d) Scoliosis of lumbar spine

- (e) Wry neck
- (f) Rotator cuff injury
- (g) Carpal tunnel syndrome.

3. Write any ONE of the following : (20)

(a) A patient who had an unstable fracture of C₅₋₆ has undergone surgical treatment. Write down the physiotherapy management in post surgical stage and its complications.

(b) Describe the qualities of an Ideal stump. Give the treatment and training for an above knee amputee.

4. Write short notes on any SIX of the following : (6 × 5 = 30)

- (a) Classify skin grafting and their treatment
- (b) Physiotherapy management for shoulder-hand-syndrome
- (c) Management of Volkman's ischaemic contracture
- (d) Assessment of Periarthritis shoulder
- (e) Orthotic management of congenital dislocation of hip
- (f) Exercise regime for ankylosing spondylitis
- (g) Physiotherapy management during early stages of rehabilitation following arthroscopic repair of anterior cruciate ligament.

[KJ 922]

Sub. Code : 5177

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth/Eighth Semester

(Revised/Transitory/Modified Regulations)

Paper II — P.T. IN ORTHOPAEDICS

(PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS)

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty Theory : 80 marks
minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions on the
first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

1. Describe the physiotherapeutic management of
ankylosing spondylitis.

2. Write about the goals and treatment by
physiotherapy for a 20 years old woman admitted in the
ward with burns on the neck, chest and shoulders.

II. Write short notes on : (10 × 5 = 50)

(a) Intermittent mechanical cervical traction.

(b) Colles' fracture.

(c) Physiotherapy after patellectomy.

(d) Thoracic kyphosis.

(e) Intervertebral disc prolapse.

(f) De Quervain's disease.

(g) Retrocalcaneal bursitis.

(h) Myofascial trigger points.

(i) Stump exercises before prosthetic fitting.

(j) Trophic ulcers in leprosy.

'KJ 989']

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**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Eighth Semester

(New Modified Regulations)

Paper I — PHYSIOTHERAPY FOR ORTHOPAEDIC CONDITIONS

Time : Three hours Maximum : 100 marks

heory : Two hours and forty minutes **Theory : 80 marks**

[C.Q. : Twenty minutes **M.C.Q. : 20 marks**

M.C.Q. must be answered SEPARATELY on the answer sheet provided as per the instructions on the first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay : (2 × 15 = 30)

Classify fracture in the neck of femur. Discuss the physiotherapy management for a 60 year old female who has undergone left Total Hip Replacement.

2. Discuss in detail the pre and post physiotherapy management for a 55 year old male who is posted for surgery following Rotator Cuff Muscle Tear.

II. Short notes : (10 × 5 = 50)

- (a) Skin Grafting
- (b) P.T. Management of Tennis Elbow
- (c) P.T. Management of Anterior Cruciate
ment Tear
- (d) Adson's Test
- (e) Cobb's Angle
- (f) Ideal stump
- (g) Limb Length Discrepancy
- (h) Trigger Finger
- (i) Plantar Fascitis
- (j) Referred pain.

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EXAMINATION.

Sixth/Eighth Semester

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Paper II — P.T. IN ORTHOPAEDICS
(PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(2 × 15 = 30)

(1) Describe the assessment and management of
a case of 10 year old polio girl with secondary scoliosis.

(2) Write down the physiotherapy management
and home programme for a 30 year woman with
intervertebral disc prolapse.

II. Short notes :

(10 × 5 = 50)

- (a) Cervical traction.
- (b) Sprain and Strain management.
- (c) Pott's fracture.
- (d) Dupeyren's contracture.
- (e) Advantages of upper and lower spinal
orthoses.
- (f) Frozen shoulder.
- (g) Below knee prosthesis.
- (h) Torticollis.
- (i) Degrees of burns.
- (j) Motor function assessment.

[KL 989]

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EXAMINATION.

Eighth Semester

(New Modified Regulations)

Paper I — PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

A. Essay questions : (2 × 15 = 30)

(1) Describe the physiotherapeutic goals and management before and after prosthetic fitting of a below knee amputee.

(2) Describe the physical assessment, aims and management of rheumatoid arthritis in chronic stage and plan a home programme for it.

B. Write short notes on : (10 × 5 = 50)

- (a) Supracondylar fracture of humerus.
- (b) Continuous passive mobiliser.
- (c) Spondylolisthesis.
- (d) Tennis elbow.
- (e) Prepatellar bursitis.
- (f) Advantages of dynamic cock-up splint.
- (g) Limb length discrepancy.
- (h) Joint protection techniques in osteoarthritis of knee.
- (i) Management of foot drop.
- (j) Skin contracture of neck.