

February-2005

[KM 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 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) What are the indications and principles of amputation? Discuss the physiotherapy management for a 50 year old house wife who has undergone above knee amputation.

(2) Discuss in detail the physiotherapy management for a 35 year old executive with ankylosing spondylitis.

II. Short notes :

(10 × 5 = 50)

- (a) Physiotherapy Management of Burns
- (b) Bunnel-Litter test
- (c) Torticollis
- (d) De Querrain's disease
- (e) Volkmann's Ischemic contracture
- (f) Klumpke's paralysis
- (g) Lumbo sacral strain
- (h) Genu valgum
- (i) Principles of Tendon Transfer
- (j) Q-angle.

[KM 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

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.

I. Essay : (2 × 15 = 30)

(1) Write the indication and principles of amputation and briefly describe the physiotherapy management for a 60 year old man who had a below knee amputation on the left leg due to vascular lesion?

(2) Review the common deformities seen in leprosy patients and describe the physiotherapy management for deformities in leprosy?

II. Short notes :

(10 × 5 = 50)

- (a) Milwaukee brace.
 - (b) Total knee replacement.
 - (c) Dynamic splints.
 - (d) Ankylosing spondylitis.
 - (e) Bent-knee prosthesis.
 - (f) Poly arthritis management.
 - (g) Scoliosis.
 - (h) Fracture neck of Femur.
 - (i) Skin Grafting.
 - (j) KAFO.
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August-2005

[KN 922]

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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 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) Classify the causes of back ache and give the clinical feature and management for spondylolisthesis of L₅ and S₁.

(2) Give 4 points of difference between Intra capsular and Extra capsular fracture around the hip. Explain the causes, clinical feature and PT management of IT fracture (Inter trochanteric fracture)

II. Short notes :

(10 × 5 = 50)

- (a) Anterior shoulder dislocation
 - (b) Osgood Shatter disease
 - (c) Club feet
 - (d) Plantar fascitis
 - (e) Perthe's disease
 - (f) PT. Management for Rheumatoid Arthritis
 - (g) Causalgia
 - (h) Exercises for Scoliosis
 - (i) Tennis elbow
 - (j) Carpel tunnel syndrome.
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August-2005

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Sub. Code : 5184

II. Write short notes :

(10 × 5 = 50)

BACHELOR OF PHYSIOTHERAPY DEGREE
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.

I. Essay Questions : (2 × 15 = 30)

(1) Describe the clinical and radiological examination for scoliosis and give the PT management for the same.

(2) What are the two different types of prolapse intervertebral disc. Give the PT management of prolapse intervertebral disc in between L₄ and L₅ with irritation of L₄ nerve root.

- (a) Cervical rib
- (b) Frozen shoulder
- (c) Partial patellectomy
- (d) PT management in above knee amputation
- (e) Tests for sacroiliac dysfunction
- (f) Subacromial bursitis
- (g) Ankle sprain
- (h) Torticollis
- (i) Taylor's brace
- (j) Kyphosis.

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II. Write short notes :

(10 × 5 = 50)

**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 minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

(1) List down the deformities of Rheumatoid Hand. Describe in detail the physiotherapy management during the sub-acute stages of the above same.

(2) Explain the role of physiotherapist during pre-prosthetic stage after above-knee amputation.

(a) Quadriceps plasty

(b) Spondylometer

(c) Spurling's test

(d) Boston brace

(e) Pressure garmets

(f) Fracture disease

(g) Abnormal stumps

(h) Skeletal traction

(i) Pott's fracture.

(j) Free exercises for shoulder joint.

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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

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 questions :

(2 × 15 = 30)

(1) How do you evaluate a patient with Ankylosing spondylitis. Explain the physiotherapy management for the same.

(2) List down the causes of osteoarthritis knee. Explain in detail the physiotherapy management from the first post operative day till stair climbing after total knee replacement.

II. Write Short notes :

(10 × 5 = 50)

- (a) Straight leg raising.
- (b) Types of leprosy.
- (c) Hand burns.
- (d) Dynamic stump exercises.
- (e) Myoelectric prosthesis.
- (f) Postural Scoliosis.
- (g) Extensor lag.
- (h) Cortical thumb.
- (i) Tests for anterior cruciate ligament insufficiency.
- (j) Ankle-foot orthosis.

[KP 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**

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Define Poliomyelitis, reviewing its etiology, clinical features, medical and physiotherapy management. (20)

(2) Describe the clinical examination for IVDP and give the P.T Management of the same. (15)

(3) What are the indications and principles of lower limb and upper limb amputations and describe the P.T. management of a patient before and after an above knee amputation. (15)

II. Write Short notes on : (6 × 5 = 30)

- (a) Skin traction
- (b) Shoulder hand syndrome
- (c) Spondylololsthesis
- (d) Lordosis
- (e) Plumb line
- (f) Resting splint for the hand.

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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

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Define Rheumatoid Arthritis, reviewing its etiology, clinical features, common deformities, medical and physiotherapy management in the acute and chronic stage and detailed home programme. (20)

(2) Classify Intracapsular fracture of head of femur. Plan out the PT programme for 75 year old lady with sub capitate fracture of head of femur. (15)

(3) Describe the different types and degree of IVDP. List PT aims and demonstrate recent treatment technique. (15)

II. Write short notes on : (6 × 5 = 30)

(a) Advantage of immediate post-operative prosthetic fitting

(b) Physiotherapy management for Dupuytren's contracture

(c) **Straight leg raising**

(d) Principles of tendon transfer

(e) Trapezius myalgia

(f) **Skin grafting.**

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Sub. Code : 5184

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Eighth Semester

(Modified/New Modified Regulations)

Paper I — PHYSIOTHERAPY FOR ORTHOPAEDIC CONDITIONS

Time : Three hours **Maximum : 100 marks**

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

- (1) Discuss the management of a bilateral above knee amputation. Emphasise on its prosthetic management and gait training. (15)

- (2) Describe the mechanism of Injury, clinical features and physiotherapy management of Colle's fracture. (15)

II. Write Short notes on :

(10 × 5 = 50)

- (a) Prone traction.
- (b) Spondylolysis.
- (c) List the common postural abnormalities affecting the spine.
- (d) Pott's fracture.
- (e) Prone knee bend test
- (f) Classification and common deformity of cerebral palsy.
- (g) Tennis elbow and its physiotherapy management.
- (h) Principles of Palpatory examinations.
- (i) Management of Burns contracture.
- (j) Management of Rheumatoid Arthritis.

FEBRUARY 2008

[KS 989]

Sub. Code : 5184

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Eighth Semester

(Modified/New Modified Regulations)

**Paper I — PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS**

Q.P. Code : 745184

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 Questions :

(2 × 15 = 30)

**1. Define Rheumatoid Arthritis. Discuss in detail the
management for it. (15)**

**2. Write in detail the management of a patient with
anterior dislocation of shoulder. Add a note on
preventive methods. (15)**

II. Write short notes on :

(10 × 5 = 50)

- 1. Bennett's fracture**
 - 2. Stages of fracture healing**
 - 3. Straight leg raising and its interpretations**
 - 4. Postural Scoliosis**
 - 5. Management of Lateral ligament injury of Ankle**
 - 6. Peri Arthritis Shoulder**
 - 7. Management of deformities in leprosy**
 - 8. Genu Recurvatum**
 - 9. Principles of Tendon Transfer**
 - 10. Stump hygiene.**
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AUGUST 2008

[KT 989]

Sub. Code : 5184

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

**Fourth Year — Non-Semester Regulations and
Eighth Semester**

(Modified/New Modified Regulations)

**PHYSIOTHERAPY FOR ORTHOPAEDIC
CONDITIONS**

Q.P. Code : 745184

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (2 × 15 = 30)

**1. Classify intracapsular fracture of head of femur.
Plan out the physiotherapy programme for 75 year old
lady with subcapitate fracture of head of femur.**

**2. How do you evaluate a patient with ankylosing
spondylitis? Explain the physiotherapy management for
the same.**

AUGUST 2008

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

1. Dynamic stump exercises.
2. Extensor Lag.
3. Ankle sprain.
4. Milwaukee brace.
5. Fracture neck of femur.
6. Continuous passive mobiliser.
7. Limb length discrepancy.
8. Management of foot drop.
9. Advantages of dynamic cock-up splint.
10. Poly arthritis management.

III. Write short answers : (10 × 2 = 20)

1. Pes cavus.
2. Metatarsalgia.
3. Phases of gait cycle.
4. Torticollis.

5. What are the complications occur following general anaesthesia?

6. Coxa-Vara.
 7. Types of intercapsular fracture neck of femur.
 8. Avascular necrosis.
 9. Fabers sign.
 10. What are the objectives of chest physiotherapy?
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