

[KD 919]

Sub. Code : 5162

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Fifth Semester

(Revised Regulations/Transitory/Modified Regulations)

**Paper II — ORTHOPEDIC FOR PHYSIOTHERAPIST
(CLINICAL ORTHOPEDICS)**

Time : Three hours

Maximum : 100 marks

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

(a) Describe the pathology of Rheumatoid arthritis. Outline the principles and management of Rheumatoid arthritis.

Or

(b) Discuss the common deformities and the management of a case of Polio child involving his both lower extremities.

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

(a) Volkmann's ischemic contracture.

(b) Symes Amputation.

(c) Rotator cuff syndrome.

(d) Claw hand.

(e) Colle's fracture.

(f) Multiple myeloma.

(g) Anterior dislocation of shoulder joint.

(h) Scoliosis.

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

(a) Describe the aetiology and clinical feature of cervical spine injury. Discuss the management and complication of young adult working as mason who had fracture of fifth cervical vertebra.

Or

(b) Describe the aetiology of Brachial plexus injury. Discuss the complication and management of 3 months old baby who diagnosed as Erb's palsy.

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

(a) Lumbago.

(b) Flat foot.

(c) Osteotomy.

(d) Spondylolisthesis.

(e) Prepatellar bursitis.

(f) Spasmodic torticollis.

(g) Phantom limb.

(h) Trophic ulcer.

November - 2001

[KE 919]

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**BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.**

Fifth/Seventh Semester

(Revised Regulations/Transitory/Modified Regulations)

Paper II — ORTHOPEDIC FOR PHYSIOTHERAPIST

(CLINICAL ORTHOPEDICS)

Time : Three hours

Maximum : 100 marks

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

(a) Describe the etiology, clinical features and management of post polio Residual paralysis affecting the lower limbs in a child.

Or

(b) Describe the etiology, clinical features, complications and management of Tuberculosis of the dorsal spine.

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

(a) Impingement syndrome

(b) Pathological fractures

(c) Boutonniere deformity

(d) Kyphosis

(e) Dequervian's disease

(f) Erb's palsy

(g) Club foot

(h) Mallet finger.

(d) Neuropraxia

(e) Carpal tunnel syndrome

(f) Intraarticular fractures

(g) Arthroplasty of the hip joint

(h) Epiphyseal injuries.

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

(a) Enumerate fractures around the elbow joint.

(b) Briefly describe the clinical features, complications and management of a supracondylar fracture of the humerus.

Or

(c) Classify spinal injuries.

(d) How will you manage a compression fracture of D₁₂ vertebra in an old lady?

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

(a) Green stick fractures

(b) Pseudarthrosis

(c) Cubitus varus deformity

[KG 919]

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**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Fifth/Seventh Semester

Revised Regulations/Transitory/Modified Regulations)

Part II — ORTHOPAEDIC FOR PHYSIOTHERAPIST

(CLINICAL ORTHOPAEDICS)

Time : Three hours

Maximum : 100 marks

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

(a) Describe the clinical features, diagnosis and management of a case of osteosarcoma of distal femur.

Or

(b) Describe the clinical features, diagnosis, management and complication of chronic osteomyelitis of tibia.

Write short notes on any SIX : (6 × 5 = 30)

(a) Foot drop

b) Antalgic gait

c) Radial club hand

(d) Medical Research Council (MRC) grading of muscle power.

(e) Supraspinatus tendinitis.

(f) Tennis elbow.

(g) Torticollis

(h) Trophic ulcer.

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

(a) Briefly describe the clinical features, complications and management of a case of fracture neck of femur.

Or

(b) Describe the pathology, clinical features and management of a case of recurrent dislocation of the shoulder.

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

(a) Thomas splint

(b) Monteggia fracture dislocation

(c) Scaphoid fracture

(d) Compartment syndrome

(e) Shoulder hand syndrome

(f) Diagnosis of nerve injuries

(g) Vertebral burst fracture

(h) Fracture non-union.

[KH 919]

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Paper II — ORTHOPAEDIC FOR PHYSIOTHERAPIST
(CLINICAL ORTHOPAEDICS)

Time : Three hours

Maximum : 100 marks

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

(a) Outline the clinical features and management of Congenital Talipes Equino Varus (C.T.E.V).

Or

(b) Describe the pathology, prevention, management and residual problems of polio. Outline the treatment of residual paralysis including use of orthoses.

Write short notes on any SIX : (6 × 5 = 30)

- (a) Carrying angle
- (b) Monteggia fracture
- (c) Brodie's Abscess
- (d) Trophic ulcers

- (e) Osteoclastoma
- (f) Swan-neck deformity
- (g) Trigger finger
- (h) Frozen shoulder.

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

- (a) (i) Enumerate the fractures around the Knee joint. (10)
- (ii) Briefly describe the mechanism, types and clinical features of meniscal injuries. (10)

Or

(b) Enumerate the causes for low backache. Briefly describe the clinical features and management of spondylolisthesis.

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

- (a) Wrist drop
- (b) Painful arc syndrome
- (c) Ankylosing spondylitis
- (d) Crutch Palsy
- (e) Multiplemyeloma
- (f) Difference between dislocation and subluxation.
- (g) Hallux Valgus
- (h) Cervical Rib.

[KI 919]

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Paper II — ORTHOPAEDIC FOR PHYSIOTHERAPIST
(CLINICAL ORTHOPAEDICS)

Time : Three hours

Maximum : 100 marks

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

(a) Explain in detail about types, different levels indications and complications of lower limb amputation. Outline pre operative and post operative management.

Or

(b) Explain in detail clinical features, management and complication of osteomyelitis.

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

(a) Osteogenesis Imperfecta

(b) Colle's fracture

- (c) Boutonniere deformity
- (d) Arthrodesis
- (e) Closed and open fracture
- (f) Scissoring Gait
- (g) Myositis ossificans
- (h) Fracture healing.

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

(a) Classify spinal deformities. Explain in detail about etiology, clinical features, management and complications of scoliosis.

Or

(b) Describe in detail about clinical features, management and complications of Rheumatoid arthritis.

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

- (a) Green stick fracture
- (b) Recurrent dislocation of patella

- (c) Sudeck's atrophy
- (d) Inter vertebral disc prolapse
- (e) Dequervian's disease
- (f) Fracture both bones of fore arm
- (g) Flat foot
- (h) Bone grafting.

[KJ 919]

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Fifth/Seventh Semester

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Paper II — ORTHOPAEDIC FOR PHYSIOTHERAPIST

(CLINICAL ORTHOPAEDICS)

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

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (2 × 15 = 30)

1. Outline the mechanism clinical features and
management of cervical spine injury.

2. Describe the pathology clinical features and
management of "Ankylosing Spondylitis".

II. Short notes :

(10 × 5 = 50)

- (a) Torticollis
- (b) Ewing's Sarcoma
- (c) Multiple Myeloma
- (d) Foot Drop
- (e) Painful arc syndrome
- (f) Shoulder dislocation (Anterior)
- (g) Tennis Elbow
- (h) Bennet's fracture dislocation
- (i) Wrist drop
- (j) Klumpke's paralysis.

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Fifth/Seventh Semester

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**Paper II — ORTHOPAEDIC FOR PHYSIOTHERAPIST
(CLINICAL ORTHOPAEDICS)**

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) Enumerate major long bones fractures of forearm and describe the clinical features and management of supracondylar fracture of humerus.

(2) Outline the pathology clinical features, deformities and management of Rheumatoid arthritis.

II. Short notes : (10 × 5 = 50)

- (a) Arthrodesis**
 - (b) Fracture healing**
 - (c) Colle's fracture**
 - (d) Carpal tunnel syndrome**
 - (e) Myositis ossificans**
 - (f) Shoulder hand syndrome**
 - (g) Charcot joint**
 - (h) Trigger finger**
 - (i) Mallet finger**
 - (j) ERBS palsy.**
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