

APRIL - 2001

[KD 952]

Sub. Code : 5715

BACHELOR OF OCCUPATIONAL DEGREE
EXAMINATION.

(Modified Regulations)

Fifth Semester

CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Discuss the principles of management of fractures and dislocations.

Or

(b) Discuss the aims and principles of replacement of major joints in human body.

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

(6 × 5 = 30)

- (a) Patellar fracture
- (b) Spondylolisthesis
- (c) Frozen Shoulder
- (d) Trigger Thumb

- (e) Osteoclastoma
- (f) Carpel tunnel syndrome
- (g) Bone grafting
- (h) Sprain.

APRIL - 2001

[KD 974]

Sub. Code : 5852

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

(New Modified Regulations)

Fifth Semester

CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Describe the Volkmann's ischaemic contracture in detail.

Or

(b) Discuss the clinical features of Spinal Cord injury at the level of C-8 segment.

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

(a) Grading of Potts fracture of ankle joint.

(b) Talipes Equino varus – Treatment.

(c) Causes of Gibbus in old age.

(d) Management of genu valgum.

(e) Causes of unilateral sciatica.

(f) Enumerate various deformities in Hansen's disease.

(g) Carpel tunel syndrome.

(h) Myosites ossificane.

NOVEMBER - 2001

[KE 952]

Sub. Code : 5715

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(Modified Regulations)

CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Describe signs, symptoms, diagnosis, management and complications of colles fracture.

Or

(b) Describe signs, symptoms, diagnosis and management of anterior dislocation of shoulder.

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

(a) Ewing's sarcoma

(b) Volkmans ischaemic contracture

(c) Arthrodesis

(d) I.V. Disc prolapse

(e) Complications of supracondylor fracture humerus

(f) Dupytrens contracture

(g) Skeletal pin traction

(h) Rheumatoid hand.

NOVEMBER - 2001

[KE 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New Modified Regulations)

Fifth Semester

CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) What is fracture? What are various stages of fracture healing? Describe complications of fracture.

Or

(b) Describe indications, types and complications of amputation. How will you manage the case in the post operative period?

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

(a) Osteosarcoma.

(b) Osteotomy.

(c) Myositis ossificans.

(d) Thomas Splint.

(e) Wrist Drop.

(f) Trigger Finger.

(g) Tennis Elbow.

(h) Complications of Colles fracture.

MARCH - 2002

[KG 952]

Sub. Code : 5715

**BACHELOR OF OCCUPATIONAL DEGREE
EXAMINATION.**

(Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

**(a) Describe the principles of management of
Rhumatoid arthritis.**

Or

**(b) Classify fractures and discuss the aim and
principles of management of fracture neck of femur.**

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

(a) Periarthritis shoulder

(b) Lumbar Spondylosis

(c) Dequarvains disease

(d) Ideal stump

(e) Congenital dislocation of hip

(f) Hand functions

(g) Tendon transfer

(h) Partial claw hand.

MARCH - 2002

[KG 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL DEGREE
EXAMINATION.**

(New Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Discuss in detail the aims and principles of management of both bone fracture of leg.

Or

(b) Discuss in detail the management programme of ankylosing spondilitis.

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

(a) Green stick fracture.

(b) Swan neck deformity.

(c) Ilio tibial band.

(d) Tennis Elbow.

(e) Congenital talipes equino varus.

(f) Pes plannus.

(g) Foot drop.

(h) Pathological gaits.

SEPTEMBER - 2002

[KH 952]

Sub. Code : 5715

BACHELOR OF OCCUPATIONAL
THERAPY DEGREE EXAMINATION.

(Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Describe the etiopathology, clinical features and management of TB spine.

Or

(b) Classify Internal derangements of the knee. Describe the cause, clinical features, complications and management of ligament injuries of the knee.

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

(6 × 5 = 30)

- (a) Myositis ossificans
- (b) Carpal tunnel syndrome
- (c) Erb's palsy

- (d) Osteoclastoma
- (e) Swan neck deformity
- (f) Bennett's fracture
- (g) Phantom limb
- (h) Sprengel's shoulder.

SEPTEMBER - 2002

[KH 974]

Sub. Code : 5852

BACHELOR OF OCCUPATIONAL DEGREE
EXAMINATION.

(New Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Classify fractures. Describe the biology of fracture healing. How will you manage a case of supra condylar fracture of humerus?

Or

(b) Describe the pathology, clinical features, complications and management of osteoarthritis of knee joint.

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

(6 × 5 = 30)

(a) Shoulder-hand syndrome

(b) Chronic Volkmann's Ischaemic contracture

- (c) Klumpke's paralysis
- (d) Ewing's sarcoma
- (e) Boutonniere deformity
- (f) Flat foot
- (g) Above knee amputee
- (h) Torticollis.

APRIL - 2003

[KI 974]

Sub. Code : 5852

BACHELOR OF OCCUPATIONAL DEGREE
EXAMINATION.

(New Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

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

(a) Describe brachial plexus injuries types, aetiology. What is Erb's point? Describe clinical features, management of Erb's palsy of different age group.

Or

(b) Classify amputations of lower limb. Outline preoperative, operative and prosthetic management of below knee amputation of Thrombo Angitis Oblitrun as cause.

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

(a) Management of acute and convalescent stage of poliomyelitis.

(b) Osteogenic sarcoma.

(c) Early and late complications of fracture of long bones and set line fat embolism.

(d) Indications and contraindications of arthrodesis. Describe elbow arthrodesis.

(e) Shoulder dislocations.

(f) Osteomyelitis.

(g) Stages of fracture healing.

(h) Management of osteoarthritis knee.

OCTOBER - 2003

[KJ 952]

Sub. Code : 5715

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

Fifth Semester

(Modified Regulations)

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

Theory : One hour and twenty Theory : 40 marks
 minutes

M.C.Q. : Ten minutes M.C.Q. : 10 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. Write any **TWO** : (Essay Questions) : (2 × 10 = 20)

1. What are the causes of Congenital Dislocation of Hip? Mention the two clinical types of CDH. Discuss the pathology, clinical features and management of Congenital Dislocation of Hip.

2. Define Scoliosis. How will you classify Scoliosis? Discuss the clinical features, necessary investigations and management of Scoliosis.

3. Write the etiology, clinical features, diagnosis and management of Osteo arthritis of knee joint.

II. Short notes (Write any **FOUR**) : (4 × 5 = 20)

(a) Myositis Ossificans

(b) Osteoclastoma

(c) Foot drop

(d) Scaphoid fracture

(e) Trigger finger.

OCTOBER - 2003

[KJ 974]

Sub. Code : 5852

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

(New Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

Theory : One hour and Theory : 40 marks
twenty minutes

M.C.Q. : Ten minutes M.C.Q. : 10 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. Write any **TWO** : (Essay Questions) (2 × 10 = 20)

1. Discuss the pathology, clinical features, various
hand deformities, diagnosis and management of
Rheumatoid arthritis.

2. Define Amputation. What are the indications for
amputation? What are the various levels of amputation
in the upper and lower limbs? Add a brief note of stump
care. What are the complications of amputation?

3. Define Scoliosis. How will you classify scoliosis?
Discuss the clinical features, necessary investigations
and management of scoliosis.

II. Write any **FOUR** : (4 × 5 = 20)

- (1) Osteoarthritis knee.
- (2) Osteosarcoma.
- (3) Wrist drop.
- (4) Colles fracture.
- (5) Mallet finger.

AUGUST - 2004

[KL 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

**Theory : One hour and Theory : 40 marks
twenty minutes**

M.C.Q. : Ten minutes M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write any TWO : (Essay Questions) (2 × 10 = 20)

(1) Discuss the mechanism, clinical features and management of shoulder dislocation.

(2) Classify spinal deformities Outline the clinical features and management of scoliosis.

(3) Write the etiology, clinical features, diagnosis and management of osteoarthritis of knee joint.

II. Short notes on any FOUR : (4 × 5 = 20)

(a) Myositis ossificans.

(b) Congenital talipes equino varus.

(c) Adhesive capsulitis.

(d) Rickets.

(e) Foot drop.

FEBRUARY - 2005

[KM 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New Modified Regulations)

Fifth Semester

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

**Theory : One hour and Theory : 40 marks
twenty minutes**

M.C.Q. : Ten minutes M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (15)

Outline the pathology, clinical features and management of Ankylosing spondylitis.

II. Write short notes on : (5 × 5 = 25)

- (a) Spondylolisthesis**
 - (b) Principles of tendon transfers**
 - (c) Shoulder-Hand Syndrome**
 - (d) Carpal tunnel syndrome**
 - (e) Septic arthritis.**
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FEBRUARY - 2006

[KO 974]

Sub. Code : 5852

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.

Fifth Semester

(New Modified Regulations)

Paper II — CLINICAL ORTHOPAEDICS

Time : One and a half hours Maximum : 50 marks

Theory : One hour and
twenty minutes Theory : 40 marks

M.C.Q. : Ten minutes M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (1 × 15 = 15)

(1) Describe the etiology, clinical features and
the management of fracture clavicle.

II. Short notes : (5 × 5 = 25)

(a) Swan neck deformity.

(b) Gallezi fracture dislocation.

(c) Genu valgus.

(d) Supra spinatous tendinitis.

(e) Plantar fascitis.

AUGUST - 2006

[KP 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(New Modified Regulation)

Paper II — CLINICAL ORTHOPEDICS

Time : One and half hours

Maximum : 50 marks

**Theory : One hour and
twenty minutes**

Theory : 40 marks

M.C.Q. : Ten minutes

M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Classify bone tumours. Describe the clinical features and management of osteogenic sarcoma. (15)

(2) Outline the pathology, clinical features and management of Ankylosing Spondylitis. (10)

II. Short notes on :

(3 × 5 = 15)

(a) Myositis ossificans.

(b) Symes amputation.

(c) Principles of tendon transfer.

FEBRUARY - 2007

[KQ 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(New Modified Regulation)

Paper II — CLINICAL ORTHOPAEDICS

Time : One and half hours Maximum : 50 marks

**Theory : One hour and Theory : 40 marks
twenty minutes**

M.C.Q. : Ten minutes M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Classify types of fractures. Describe the mechanism of injury, management and complications of Supracondylar fracture of the Humerus. (15)

(2) Describe the pathogenesis, clinical features and management of osteoarthritis of the knee. (10)

II. Short notes on :

(3 × 5 = 15)

(a) Volkmans Ischaemia.

(b) Painful arc syndrome.

(c) Foot drop.

FEBRUARY 2008

[KS 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(New Modified Regulation)

Paper II — CLINICAL ORTHOPAEDICS

Q.P. Code : 785852

Time : One and half hours Maximum : 50 marks

**Theory : One hour and Theory : 40 marks
twenty minutes**

M.C.Q. : Ten minutes M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

**1. Describe Aetiology, Clinical features and
management of Potts Spine. (15)**

**2. Outline, clinical features, management and
complication of dislocation of knee joint. (10)**

II. Short notes : (3 × 5 = 15)

**1. Classify and enumerate indications of
amputations.**

2. Volkman's ischaemic contracture.

3. Multiple myeloma.

AUGUST 2008

[KT 974]

Sub. Code : 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(New Modified Regulations)

Paper II – CLINICAL ORTHOPAEDICS

Q.P. Code : 785852

Time : One and half hours Maximum : 50 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

- 1. Write the Etiology, clinical features and the management of Acromio Clavicular dislocation. (15)**
- 2. Describe in detail about the Ankylosing Spondylites and its management. (10)**

II. Short notes : (3 × 5 = 15)

- 1. Gouty Arthritis**
- 2. Avascular necrosis of bone.**
- 3. Axonotmesis.**

III. Write Short Answers : (5 × 2 = 10)

- 1. Flat foot.**
- 2. Swing phase of gait.**
- 3. Tinel's sign.**
- 4. "U" Plaster slab.**
- 5. Saturday Night Palsy.**

February 2010

[KW 974]

Sub. Code: 5852

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

Fifth Semester

New Modified Regulations

Paper II – CLINICAL ORTHOPAEDICS

Q.P. Code : 785852

Time : One and a half hours

Maximum : 50 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays :

1. Write in detail about the Gleno humeral joint dislocation and its management. **(15)**
2. Outline the etio-pathology, clinical features, prevention and management of Volkman's ischaemic contracture. **(10)**

II. Short Notes on :

(3 x 5 = 15)

1. Gluteus Medius gait.
2. Excision Arthroplasty.
3. Fat embolism.

III. Short Answer:

(5 x 2 = 10)

1. Cobb's Angle.
2. Piriformis syndrome.
3. Boutoniere deformity.
4. Erb's point.
5. Green stick fracture.
