Total No. of Pages : 1] **Code No.YJ-3010**

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
D.ORTHO-ORTHOPAEDICS - PAPER - 1

Time : 3 Hours] *[Max. Marks : 100*

Note :
All questions are compulsory.

❖ ❖ ❖

These questions carry 20 marks each.

1. Describe the METABOLIC RESPONSE to major trauma & factors modifying the same.

2. Describe the anatomy of BRACHIAL PLEXUS with a suitable diagram and mention the clinical features & management of Erb's Palsy.

These questions carry 10 marks each

3. Serum Alkaline Phosphatase.
4. Disease modifiers in Rheumatoid Arthritis.
5. Ossification centers around elbow in various age groups.
6. Pes Anserine Bursa.
7. HIV (Human Immuno Deficiency Virus).
8. Staphylococcus Aureus.

❊ ❊ ❊ ❊ ❊

Total No. of Pages : 1]

Code No.YJ-3010-A

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
D.ORTHO-ORTHOPAEDICS - PAPER - 1

Time : 3 Hours] *[Max. Marks : 100*

Note :

All questions are compulsory.

❖ ❖ ❖

Long Essays :

[20 each]

1. Describe the movement of abduction at the shoulder. How will you manage an acute rupture of the supraspinatus?

2. Discuss the important features of fracture healing in children and add a note on the amount of malalignment that is acceptable in children.

Short Essays :

[10 each]

1. Koch's postulates.
2. Deltoid ligament.
3. Abductors of hip.
4. High stepping gait.
5. Lasegue's sign.
6. Spina bifida embryology.

❊ ❊ ❊ ❊ ❊

Total No. of Pages : 1] **Code No.YJ-301**

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
D.ORTHO-ORTHOPAEDICS - PAPER - 2

Time : 3 Hours] *[Max. Marks : 100*

Note :

All questions are compulsory.

❖ ❖ ❖

These questions carry 20 marks each.

1. Enumerate the investigations done to diagnosis disc prolapse. State the importance of each investigations.

2. Discuss the clinical features, radiological findings of osteoclastoma lower end of femur. Outline the management of Osteoclastoma.

These questions carry 10 marks each.

3. Write short notes on "Congenital radio ulnar stenastosis".
4. Describe the pathology and management of "Ewing's Sarcoma".
5. Discuss the management of "Senile Osteoporosis".
6. Write short notes on "Syringomyelia".
7. Enumerate the drugs used in the treatment of "Rheumatoid Arthritis". Mention the complications of the drugs.
8. Write short notes on "Frozen shoulder".

❄ ❄ ❄ ❄ ❄

Total No. of Pages : 1] **Code No.YJ-3011-A**

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
D.ORTHO-ORTHOPAEDICS - PAPER - 2

Time : 3 Hours] *[Max. Marks : 100*

Note :
All questions are compulsory.

❖ ❖ ❖

Long Essays : [20 each]

1. Describe Neer's classification. How will you manage a case of 4 part fracture humerus?

2. Discuss the management of a unicondylar fracture of the tibia with intra articular extension.

Short Essays : [10 each]

1. Bennet's fracture dislocation
2. Fracture patella
3. Fractures in aviators
4. Green stick fractures
5. MRI (Magnetic Resonance Imaging)
6. Patellar tendon bearing prosthesis

❊ ❊ ❊ ❊ ❊

Total No. of Pages : 1]

Code No.YJ-3012

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
D.ORTHO-ORTHOPAEDICS - PAPER - 3

Time : 3 Hours] *[Max. Marks : 100*

Note :

All questions are compulsory.

❖ ❖ ❖

These questions carry 20 marks each.

1. Describe the management of fracture humerus at spiral groove with radial nerve palsy presenting three months after trauma.

2. Describe the aetiology, pathology, clinical features and management of fat embolism syndrome.

These questions carry 10 marks each.

3. Jaipur Foot.
4. Phantom limb.
5. Isometric exercises.
6. Bone Transport.
7. Herbert screw.
8. Plaster of paris.

❄ ❄ ❄ ❄ ❄

Total No. of Pages : 1] **Code No.YJ-3012-A**

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
D.ORTHO-ORTHOPAEDICS - PAPER - 3

Time : 3 Hours] *[Max. Marks : 100*

Note :
All questions are compulsory.

❖ ❖ ❖

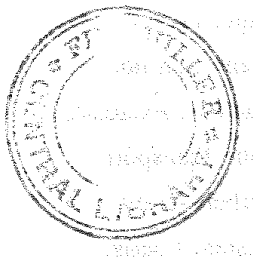
Long Essays : [20 each]

1. Describe developmental dysplasias of the hip and discuss the management of unilateral dislocated hip of a 6 year old girl.

2. Describe Pott's disease of the spine. Discuss the management of impending Pott's paraplegia.

Short Essays : [10 each]

3. Flexor tenosynovitis.
4. Maine on griffe.
5. Thoracic inlet syndrome.
6. Tarsal tunnel syndrome.
7. Continuous passive movements.
8. Congenital vertical talus.



❁ ❁ ❁ ❁ ❁

YJ—2707-A

DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2003

Paper I—BASIC AND CLINICAL SCIENCES AS APPLIED TO ORTHOPAEDIC SURGRY INCLUDING RECENT ADVANCES

(Old Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe the etiology, pathology of Volkaman's ischaemia.

2 Describe the anatomy of quadriceps muscle and and briefly discuss biomechanics of knee joint.

(2 × 20 = 40 marks)

II. Short Essays :

3 Surgical approaches to forearm.

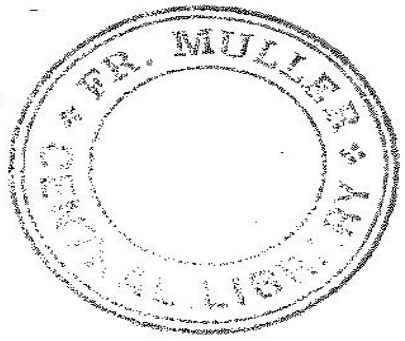
4 Hyaline cartilage.

5 Popletius muscle.

6 Renal Ricket.

7 Ankle foot orthosis.

8 Isometric quadricep exercises.



(6 × 10 = 60 marks)

YJ—2708-A

DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2003

Paper II—ORTHOPAEDICS AND RECENT ADVANCES RELATED TO ORTHOPAEDICS

(Old Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe the clinical features and management of Perthes disease.

2 Describe the clinical features and management of septic arthritis of Knee.

(2 × 20 = 40 marks)

II. Short Essays :

3 Glomus tumour.

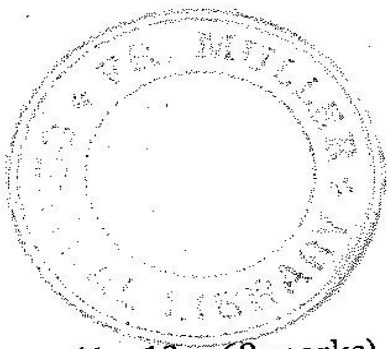
4 Reiter's syndrome.

5 Renal osteo dystrophy.

6 Alkaptonuric arthritis.

7 PTB prosthesis.

8 Ilizarov.



(6 × 10 = 60 marks)

FR. MULLER
CENTRAL LIBRARY

YJ—2708-B

DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2003

Paper II—ORTHOPAEDIC TRAUMATOLOGY

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Classify distal radial fracture and discuss the management.

2 Classify cervical spine injuries and discuss their management.

(2 × 20 = 40 marks)

II. Short Essays :

3 Fracture of the scaphoid.

4 Monteggia fracture.

5 Epiphyseal injuries.

6 Fat embolism.

7 Posterior dislocation Hip.

8 Mallet finger.

(6 × 10 = 60 marks)

YJ—2709-A

DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2003

Paper III—MUSCULOSKELETAL TRAUMA AND ITS RELATED RECENT ADVANCES

(Old Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe the classification of distal radial fractures in adult and outline their management.

2 Classify non-union and discuss the management of infected gap non-union of tibia.

(2 × 20 = 40 marks)

II. Short Essays :

3 PILON fracture (Tibial plafond).

4 ARDS (Adult Respiratory Distress Syndrome).

5 Myositis ossificans.

6 Kienbock's disease.

7 Plaster of Paris.

8 Tension band wiring.

(6 × 10 = 60 marks)

FR. MULLER
CENTRAL LIBRARY

YJ—2709-B

DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2003

Paper III—ORTHOPAEDICS

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe aetiology, pathogenesis, clinical features, investigations, differential diagnosis and management of Pott's paraplegia.

2 Describe aetiopathogenesis, clinico radiological features, investigations, prognosis and treatment of avascular necrosis of femoral head.

(2 × 20 = 40 marks)

II. Short Essays :

3 Trendelenburg's test.

4 Meralgia parasthetica.

5 Irritable Hip syndrome.

6 Orthopaedic manifestations of neurofibromatosis.

7 Pseudogout.

8 High Tibial osteotomy.

(6 × 10 = 60 marks)