

APT-2015

BLDE UNIVERSITY

POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MS ORTHOPEADICS- PAPER - I

QP CODE : 5069

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long essay**

(2x20=40 marks)

1. Describe the anatomy of rotator cuff muscles and their function. Describe management of Rotator cuff lesions.
2. Describe bone structure, discuss bone modeling and remodeling. Discuss pathophysiology in regulation of bone turnover and mineral exchange.

**Short essay**

(6x10=60 marks)

3. Mucopolysaccharidoses
4. Osteitis deformans
5. Skeletal fluorosis
6. Ankylosing spondylitis
7. Psoriatic arthritis
8. Dyschondroplasia

APR-2015

BLDE UNIVERSITY

POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MS ORTHOPEADICS- PAPER - II

QP CODE : 5070

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long essay

(2x20=40 marks)

1. Describe acetabulum fractures including classification and discuss the management of bicolumn fracture of the acetabulum. (10+10)
2. Describe indications of fusion in spine surgery and discuss the various modes to achieve spinal fusion in lumbar spine (10+10)

Short essay

(6x10=60 marks)

3. DIC
4. Management of schatzer type 5,6 proximal tibia fracture
5. Essex Lopresti injury of forearm
6. Principles of locking plate
7. Recurrent CTEV
8. Bone scan in orthopaedics

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[Time : 3 Hours]

[Max.Marks : 100]

MS ORTHOPEADICS— PAPER - III

QP CODE : 5071

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long essay

(2x20=40 marks)

1. Discuss aetiopathology, clinical features, investigations and management of pott's paraplegia
2. Describe clinicopathological features of Ewing's sarcoma. Discuss recent trends in limb salvage surgery in Ewing's sarcoma and neoadjuvant chemotherapy and radiotherapy.

Short essay

(6x10=60 marks)

3. Describe pathoanatomy of CTEV and management of relapsed club foot in 4 yrs child.
4. Pseudo -Gout
5. Tetanus in orthopaedics
6. Discuss thoracic outlet syndrome, clinical features and management
7. Discuss pathodynamics and management of claw hand in leprosy
8. Fat embolism and treatment protocols

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[Time : 3 Hours]

[Max.Marks : 100]

MS ORTHOPEADICS- PAPER - IV

QP CODE : 5072

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long essay**

(2x20=40 marks)

1. Discuss the classification of fractures of neck femur and describe the management of non union neck femur in a 25 year old patient.
2. Discuss the zones of injury of flexor tendons of hand and discuss the management.

**Short essay**

(6x10=60 marks)

3. Calcaneal fractures
4. Young modulus of elasticity
5. Halo vest immobilization
6. Carpal tunnel syndrome
7. Management of infected knee prosthesis
8. Rotationoplasty