

July - 2023

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MS ORTHOPAEDICS – 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. Discuss in detail clinical features, investigations and management of compartment syndromes.
2. Describe the pathophysiology, classification and repair in peripheral nerve injury.

Short Essay

(6x10=60 Marks)

3. Villonodular synovitis.
4. Painful heel.
5. Discuss in brief principles of tendon injury.
6. Blood supply of scaphoid. .
7. Calcium metabolism.
8. Femoral Acetabular impingement syndrome.

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MS ORTHOPAEDICS- 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. Discuss the classification of pelvic fractures and explain the treatment of anterior column fractures (8+12)
2. Pathophysiology and management of Claw hand deformity (10+10)

Short Essay

(6x10=60 Marks)

3. Radial head fractures Classification and Management (5+5)
4. Principles of Management of Recurrent Dislocation of Patella
5. Fat Embolism Syndrome
6. Principles of Ilizarov Fixator
7. Bohler Braun Splint
8. Locked Compression Plate

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MS ORTHOPAEDICS – 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 management of a case of cystic lesion mid shaft femur with pathological fracture in a middle age patient.
2. Classify nerve injury, discuss investigations & treatment protocol of entrapment of radial nerve in mid shaft humerus fracture in an adolescent.

Short Essay

(6x10=60 Marks)

3. Discuss clinical features of unicameral bone cyst in proximal humerus in an adolescent.
4. Discuss bone forming tumors.
5. Discuss treatment of paraspinal Pott's Abscess D12 L1 in young adult. Describe various surgical approaches & Indications of Koch's Spine.
6. Enumerate surgical procedures of flail Foot and Ankle in an adult patient of PPRP (Post Polio Residual Paralysis).
7. Discuss Duchene Myodystrophy.
8. Discuss treatment & protocol of Osteoporosis in post menopausal women of age 56 years.

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**MS ORTHOPAEDICS – 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. Tensile elastic nailing -describe its principles, technique and complications. 6+7+7 marks
2. a. Define end vertebrae and apical in adolescent idiopathic scoliosis.
b. Fusionless technique of correction in idiopathic scoliosis.
c. Clinical and radiological evaluation of scoliosis. 4+8+8 marks

Short Essay

(6x10=60 Marks)

3. Synthetic bioabsorbable materials in orthopaedic surgery, its advantages, complications and limitations.
4. Teriparatide in osteoporosis.
5. Hip arthroscopy-indications, portals and complications.
6. Gamma camera, radioactive substances used in it-its principles, indications and limitations.
7. Unicompartmental knee arthroplasty.
8. Radioactive hazards in orthopaedics and its preventive measures.