

OCT-2025

**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. Explain in brief about gait cycle and their importance.
2. Describe etiology, pathoanatomy and management of developmental dysplasia of hip joint.

Short Essay

(6x10=60 Marks)

3. Jumpers knee.
4. Boston brace for treatment of scoliosis.
5. .Ultrasound in orthopedics
6. Tom smith arthritis.
7. Stiff elbow.
8. Gene therapy in orthopedics.

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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. Classify spinal injuries. Describe clinical features and management of T11 fracture dislocation
(8+12)
2. Floating Knee Injuries....Classification and management (8+12)

Short Essay

(6x10=60 Marks)

3. Damage Control Orthopaedics
4. Management of Flexion type of Supracondylar fracture humerus.
5. Calcaneal Fractures
6. Principles in Lower Limb Amputations
7. Describe techniques of Tendon Suturing
8. Tension Band Wiring ...Principle and Indications

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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 causes of low back pain in elderly adult, discuss role of conservative treatment, physiotherapy, if patient is not willing for any surgery.
2. Discuss treatment of sinuses around thigh & knee in an already implant operated patient.

Short Essay

(6x10=60 Marks)

3. Discuss trigger finger etiology and treatment.
4. Enlist investigations for lytic lesion in vertebra & Pelvic bones.
5. Discuss ulnar claw & management.
6. Discuss Osteoporosis – challenges in Ortho. Surgery.
7. Discuss Tarsal- coalitions & management.
8. Discuss surgical management of Segond's fracture with postero-lateral instability of knee.

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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. a. Various types of grafts used in ACL reconstruction.
b. Intraoperative factors leading to failure of primary ACL reconstruction.
c. Factors to be considered during revision ACL surgery. 6+7+7 marks
2. a. Principle and indications of pulsatile parathormone therapy in orthopaedics.
b. Bone morphogenic protein in orthopaedics.
c. Tranexamic acid n trauma. 8+6+6 marks

Short Essay

(6x10=60 Marks)

3. Liquid culture (MGIT) in diagnosis and management of osteoarticular tuberculosis.
4. Describe method of preparing platelet rich plasma and its indications in musculoskeletal disorders.
5. Role of interventional radiology in orthopaedics.
6. Nanotechnology, its role in orthopaedics and advances in detection of periprosthetic joint infections.
7. Symes amputation – level, merits and demerits, modification and prosthetic management after amputation.
8. Surgical dislocation of hip.