

**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 the Question No., legibly and clearly on left side of the margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss surgical and clinical anatomy of radial nerve and its clinical manifestations.
2. Describe in detail blood supply of the head of the femur, and its clinical significance in relation to age

**Short Essay**

**(6x10=60 Marks)**

3. Discuss in detail, multiple myeloma.
4. Discuss in brief, H.O.Thomas
5. Discuss in detail ,medial meniscal injury of knee joint.
6. Discuss in brief , tuberculosis of spine.
7. Discuss in detail ,lisfranc injury.
8. Discuss in brief ,hallux valgus.

June-2020

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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 the Question No., legibly and clearly on left side of the margin.

**Long Essay**

**(2x20=40 Marks)**

1. Classify epiphyseal injuries, discuss the management of Salter – Harris type IV epiphyseal injuries
2. Discuss in detail, the compartment syndrome and volkmann's ischemic contracture.

**Short Essay**

**(6x10=60 Marks)**

3. Discuss in detail Bennett's fracture.
4. Discuss in brief carpal instability.
5. Discuss in brief, the Illizarov external fixation device.
6. Discuss in brief 2nd MCP joint dislocation, [kaplan's lesion].
7. Principles of tension band wiring
8. Implant failure in orthopaedics

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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 the Question No., legibly and clearly on left side of the margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss Etiopathogenesis, Clinical Features and Complications of Tuberculosis of Spine. How will you classify and manage Bedsore.
2. Discuss Clinical, and Radiological Features of Osteogenic Sarcoma. How will you plan Limb Salvage in a case Osteosarcoma of Lower End of the Femur in an adult of 30 years ?

**Short Essay**

**(6x10=60 Marks)**

3. Foot Drop
4. Genu Valgum
5. Osteoid Osteoma
6. Total ulnar claw hand
7. Kienbocks Disease.
8. Deformities of Rheumatoid Hand.

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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 the Question No., legibly and clearly on left side of the margin.

**Long Essay**

**(2x20=40 Marks)**

1. Write about the recent advances in external fixation in orthopedics
2. Discuss in detail recent advances in Revision Total knee replacement.

**Short Essay**

**(6x10=60 Marks)**

3. Implants choices for medial open wedge osteotomy of proximal tibia
4. Vertebroplasty.
5. CT guided biopsy.
6. Bone graft substitutes.
7. Vacuum Assisted closure (VAC) therapy in orthopedics.
8. Stem cell therapy in orthopedics.