

April-2022

**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. Describe the surgical anatomy of arches of foot and discuss management of vertical talus.
2. Describe the various approaches to hip joint and discuss hemiarthroplasty of the hip joint.

**Short Essay**

**(6x10=60 Marks)**

3. Osgood salters disease.
4. Madelungs deformity.
5. Entrapment syndrome.
6. Adult respiratory distress syndrome.
7. Recurrent dislocation of patella.
8. External fixator.

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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. Define Polytrauma and discuss the role of "Early Total Care" Vs "Damage Control"  
in such patients (6+14)
2. Cruciate Ligament Injuries of the Knee ,, clinical examination and management in an athlete  
(8+12)

**Short Essay**

**(6x10=60 Marks)**

3. Kienbock's disease
4. Distal Radial Articular Fractures ...management
5. How do you assess the adequacy of your reduction following a Supra Condylar Fracture of  
Humerus
6. Bone Substitutes
7. Types of Non-Union and add a note on their management
8. MIPPO

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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 osteotomies around hip. Elaborate Varus Derotation Osteotomy in Perthe's Disease.
2. Discuss treatment of Osteosarcoma lower end femur and role of limb salvage techniques.

**Short Essay**

**(6x10=60 Marks)**

3. Discuss difference between neuralgia, meralgia & causalgia
4. Enumerate surgeries of Rigid CTEV in 2 years old child.
5. Discuss investigations for multiple myeloma.
6. Discuss Kobb's Angle in Scoliosis.
7. Discuss clinical features & treatment of Osgood Schlatter's disease.
8. Discuss Etiology / Investigations and treatment of Carpal Tunnel Syndrome.

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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. Principle of laminar air flow and its application in the operation room.  
b. Define surgical site infection (SSI). WHO guidelines for prevention of SSI.  
c. EUSOL. 5+10+5 marks
2. a. Transport protocol of completely dis-membered finger and limb from site of injury to hospital.  
b. Replantation, postoperative care of amputated tissue and complications. 10+10 marks

**Short Essay**

**(6x10=60 Marks)**

3. Double row technique in rotator cuff repair.
4. Microdiscectomy.
5. Computer Navigation in orthopaedics.
6. Management of pronation- abduction injury of the Ankle.
7. Shoulder Arthroplasty.
8. Knee arthroscopy.