

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.

LONG ESSAY

(2X20=40 Marks)

1. Describe the anatomy of brachial plexus. How will you evaluate and manage a patient aged 5 years with untreated Erb's palsy. (10+10)
2. Describe the uric acid metabolism. Mention the clinical features and differential diagnosis of gout. Describe the management of gout. (10+10)

SHORT ESSAY

(6X10=60 Marks)

3. Anatomy of rotator cuff.
4. Describe the blood supply to the head of the femur and its clinical significance.
5. Universal precautions for surgery.
6. Clinical tests for diagnosis of Anterior Cruciate Ligament Injury of the knee.
7. Role of Bisphosphonates in Osteoporosis.
8. An ideal amputation stump.

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MS ORTHOPEADICS– PAPER -II

QP CODE : 5070

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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LONG ESSAY

(2X20=40 Marks)

1. Classify Tibial condyle fractures and describe their management in detail.
2. Classify dislocations of hip and management of neglected posterior dislocation of hip.

SHORT ESSAY

(6x10=60 Marks)

3. Recurrent dislocation of patella.
4. Smith's fracture.
5. SACH foot.
6. Scaphoid fracture.
7. Surgical anatomy and management of 2nd MP joint dislocation of hand .
8. Acromioclavicular dislocations.

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MS ORTHOPEADICS– PAPER -III

QP CODE : 5071

Your answer should be specific to the questions asked.

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LONG ESSAY

(2X20=40 Marks)

1. Describe the classification of Monteggia fracture dislocation and its management.
2. Define non-union. Describe the classification and broad principles of management of diaphyseal nonunion.

SHORT ESSAY

(6x10=60 Marks)

3. Classify fractures of calcaneum. Outline the principles of management.
4. Elaborate the principles of LCP. What are the applications in periarticular fractures.
5. Classify epiphyseal injuries. Describe the complications. What is Langenskiold's procedure.
6. Current concepts in the management of fracture neck & head of radius in children and adults.
7. Classify flexor tendon injuries of the hand. Describe the treatment of neglected ruptures of flexor tendons in Zone II.
8. Describe instability patterns after wrist trauma. Discuss the management of VISI (Volar Intercalated Segment Instability).

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MS ORTHOPEADICS– PAPER -IV

QP CODE : 5072

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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LONG ESSAY

(2X20=40 Marks)

1. What do you understand by patellar instability, describe the principles of management, before and after skeletal maturity.
2. Enumerate modalities leading to biological enhancement of fracture healing. Mention the methods of preservation of allogenic bone grafts. Comment on mode of action, advantages and disadvantages.

SHORT ESSAY

(6x10=60 Marks)

3. Computer assisted and robotic surgery in orthopaedics.
4. Describe the anatomy of Distal Radio Ulnar Joint. Describe indications & technique of Kapandji's procedure.
5. Sexual Dimorphism in orthopaedic practice.
6. Brown Tumor.
7. Surgical Dislocation of Hip.
8. Describe anatomical classification of chronic osteomyelitis. Discuss the principles of management based on this classification. How will you fill the dead space after excision of infected tissue.