



RAN - 2106100401010001

**RAN-2106100401010001**

**M. S. (Orthopaedics) Examination June - 2023**

**Basic Science : Paper - I**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**सूचना : / Instructions**

(1)

नीचे दशांश निम्नलिखित विवरणों पर अवश्य ध्यान दें।  
Fill up strictly the details of signs on your answer book

Name of the Examination:

**M. S. (Orthopaedics)**

Name of the Subject :

**Basic Science : Paper - I**

Subject Code No.: **2106100401010001**

Seat No.:

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Student's Signature

- (2) Attempt all Questions.
- (3) Draw neat labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25

- Q. 1. Describe clinical feature and management of Fat Embolism.
- Q. 2. Describe microscopic stages of Fracture healing. Outline the factors which affect fracture healing.
- Q. 3. What are principles of tendon transfer. Discuss management of ulnar nerve palsy.
- Q. 4. Discuss the differential diagnosis of severe pain with swelling of thigh and knee with high grade fever in a 5 year old child.

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**M.S. Orthopaedics Examination June - 2023**

**Paper II : Traumatology**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**સૂચના : / Instructions**

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

**M.S. Orthopaedics**

Name of the Subject :

**Paper II : Traumatology**

Subject Code No.: **2106100401020001**

Seat No.:

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Student's Signature

- (2) Attempt all Questions.
- (3) Draw neat labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25.

**Q. 1** Describe the blood supply of Scaphoid and classification of Scaphoid fracture and its management.

**Q. 2** Classify epiphyseal injuries. Discuss clinical features, management and complications of non-union lateral condyle humerus in children.

**Q. 3** Classify Pelvic fracture, mechanism of injury and management of Pelvic fractures.

**Q. 4** Classify compound fractures. Discuss the management of grade 2 compound mid-diaphyseal fracture of tibia.

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**M. S. (Orthopaedics) Examination June - 2023**

**Orthopaedic Disease : Paper - III**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**सूचना : / Instructions**

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नीचे दृष्टविले निशानीवाणी विगतो उत्तरवली पर अवश्य लभवी.  
**Fill up strictly the details of signs on your answer book**

Name of the Examination:

**M. S. (Orthopaedics)**

Name of the Subject :

**Orthopaedic Disease : Paper - III**

Subject Code No.: **2106100401030001**

Seat No.:

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Student's Signature

- (2) Attempt all Questions.
- (3) Draw neat labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25.

- Q. 1. Discuss aetiopathology, clinical feature and various surgical modalities to treat Thoracic Outlet Syndrome.
- Q. 2. Describe differential diagnosis, clinical features and management of anterolateral bowing of tibia.
- Q. 3. Discuss aetiopathology, clinical feature and management of Tom Smith arthritis in an infant.
- Q. 4. Evaluation, principles and management of adolescent scoliosis.

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**M.S. Orthopaedics Examination June - 2023**

**Paper IV : Recent Advances in Orthopaedics**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**સૂચના : / Instructions**

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવર્તી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.S. Orthopaedics

Name of the Subject :

Dermatology, Venereology and Leprology : Paper II  
Dermatology (Dermatology, Dermatotherapeutics)

Subject Code No.: 2106100401040001

Seat No.:

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Student's Signature

- (2) Attempt all Questions.
- (3) Draw neat labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25.

- Q. 1 What is the 3 point principle of Orthotics? Discuss in detail Floor reaction orthosis.
- Q. 2 Describe microscopic structure and function of Articular Cartilage. Compare ACI vs OATS.
- Q. 3 Discuss Role of orthopaedic surgeon as team physician in sports.
- Q. 4 Discuss the role of Bone substitutes in Orthopaedics.

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