

**RAN-2406100301010501**
**M.S.(Orthopaedics) Examination January - 2026**  
**Basic Science (Paper - I)**
**Time: 3 Hours ]**
**[ Total Marks: 100**
**સૂચના : / Instructions**

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the above details on your answer book.
- (2) Attempt all Questions.
- (3) Draw neat, labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25

**Seat No.:**
     

Student's Signature

- Q. 1.** Describe the anatomy of the Atlanto-axial region with special reference to radiological assessment. Describe briefly management of Atlanto-axial dislocation.
- Q. 2.** Describe the Anatomy and biomechanics of the knee joints. Discuss graft site morbidity of various grafts used for ACL reconstruction.
- Q. 3.** Describe in brief about ATLS? How of you manage a polytraumatized patient using principles of ATLS.
- Q. 4.** Describe the blood supply of scaphoid. Discuss treatment options and complications in scaphoid fractures

**RAN-2406100301010502**
**M.S. (Orthopaedics) Examination January - 2026**  
**Traumatology (Paper - II)**
**Time: 3 Hours ]**
**[ Total Marks: 100**
**સૂચના : / Instructions**

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the above details on your answer book.
- (2) Attempt all Questions.
- (3) Draw neat, labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25

**Seat No.:**
     
**Student's Signature**

- Q. 1.** Discuss various treatment modalities available in case of recurrent dislocation of shoulder keeping in mind status of glenoid loss.
- Q. 2.** Discuss in detail various modalities OF treatment which can be offered to a young patient who has sustained osteochondral fracture of patella.
- Q. 3.** Classify Elbow dislocation. How will you manage an unreduced posterior dislocation of elbow in 10-year-old child?
- Q. 4.** Describe briefly about blood supply of femoral head and its clinical significance with special reference to safe surgical dislocation of hip.

**RAN-2406100301010503**
**M.S. (Orthopaedics) Examination January - 2026**  
**Orthopaedic Disease (Paper - III)**
**Time: 3 Hours ]**
**[ Total Marks: 100**
**સૂચના : / Instructions**

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the above details on your answer book.
- (2) Attempt all Questions.
- (3) Draw neat, labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25

**Seat No.:**
     

Student's Signature

- Q. 1.** Classify Spinal cord tumors. Describe clinical features and management of Ependymoma of Cervico medullary junction.
- Q. 2.** What are various types of Rickets? Discuss clinical features and management of Renal resistant Rickets
- Q. 3.** Discuss causes, types , clinical features and management of Complex Regional Pain Syndrome (CRPS)?
- Q. 4.** What is Hallux Varus deformity? its clinical features and management.



**RAN-2406100301010504**


**M.S. (Orthopaedics) Examination January - 2026**  
**Recent Advance in Orthopaedic (Paper - IV)**

**Time: 3 Hours ]**
**[ Total Marks: 100**
**સૂચના : / Instructions**

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the above details on your answer book.
- (2) Attempt all Questions.
- (3) Draw neat, labeled diagram whenever necessary.
- (4) All questions carry equal marks i.e. 25

**Seat No.:**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Student's Signature

- Q. 1. Discuss the role of Robotics in arthroplasty surgeries
- Q. 2. Describe various biomaterials used in orthopedics.
- Q. 3. Describe the causes for recurrent dislocation of patella. Discuss recent advances in management of recurrent dislocation of patella?
- Q. 4. Discuss the recent advances in the management of Tuberculosis of the Spine.