



RAN-3878

M.S. Examination

July - 2020

ORTHOPAEDICS

Basic Science : Paper - I

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दशावलि निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

M.S.

Name of the Subject :

ORTHOPAEDICS Basic Science : Paper - I

Subject Code No.: 3 8 7 8

Seat No.:

--	--	--	--	--	--

Student's Signature

- (1) Attempt all Questions.
 - (2) Draw neat labeled diagram wherever necessary.
 - (3) All Questions carry equal marks i.e 25 marks.
1. Describe the structures and functions of articular cartilages. Write in brief various modalities of treatment in Osteoarthritis of Knee.
 2. Describe the gait cycle and different types of gait. Discuss the biomechanics of hip.
 3. Describe various compartments of leg. Describe clinical features and management of Acute Compartment Syndrome.
 4. Discuss the principles and methods of deformity correction in lower limb.



RAN-3879

M.S. Examination

July - 2020

Orthopaedics

Traumatology : Paper - II

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

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.

Name of the Subject :

Orthopaedics Traumatology : Paper - II

Subject Code No.: 3 8 7 9

Seat No.:

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

Student's Signature

- (1) Attempt all Questions.
- (2) Draw neat labelled diagram wherever necessary.
- (3) All Questions carry equal marks i.e 25 marks.

1. Classify Pelvic fractures, mechanism of injuries and management of pelvic fractures.
2. Describe anatomy of scaphoid. Classify fractures of scaphoid and discuss its management.
3. Discuss management and rehabilitation of patient with a burst fracture of D12 vertebra with paraparesis.
4. Describe the clinical test for glenohumeral instability. Write in detail the management of Bankarts lesion.



RAN-3880

M.S. Examination

July - 2020

Orthopaedics

Orthopaedic Disease : Paper - III

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ M.S.

Name of the Subject :

☛ Orthopaedics Orthopaedic Disease : Paper - III

Subject Code No.: 3 8 8 0

Seat No.:

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

Student's Signature

- (1) Attempt all Questions.
- (2) Draw neat labelled diagram wherever necessary.
- (3) All Questions carry equal marks i.e 25 marks.

1. Describe the aetiopathology of CTEV and management of neglected CTEV.
2. Define and classify Avascular Necrosis of Hip. Discuss hip salvage surgical procedures.
3. Describe the clinical workup and laboratory diagnosis of metastatic bone tumours. Outline the management principles of metastasis in long bones.
4. Discuss etiopathogenesis, clinical features and complications of tuberculosis spine. How will you classify and manage bed sores.



RAN-3881

M.S. Examination

July - 2020

Orthopaedics

Recent Advances: Paper - IV

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दशविल निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.S.

Name of the Subject :

Orthopaedics Recent Advances: Paper - IV

Subject Code No.: 3 8 8 1

Seat No.:

--	--	--	--	--	--

Student's Signature

- (1) Attempt all Questions.
- (2) Draw neat labelled diagram wherever necessary.
- (3) All Questions carry equal marks i.e 25 marks.

1. Discuss the Mechanics and role of Hexapod external fixator system in deformity correction.
2. Describe the method of preparation, mechanism of action and indications of Platelet Rich Plasma in Orthopaedics.
3. Biodegradable Implants.
4. Give details about arthroscopic management of recurrent anterior instability of shoulder joint.