



N-2106100401010001

M. S. (Orthopaedics) Examination

June/July - 2021

Basic Science : Paper - I

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
M. S. (Orthopaedics)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Basic Science - I	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....): Nil
2 1 0 6 1 0 0 4 0 1 0 1 0 0 0 1	<input type="text"/>
	Student's Signature

(2) Attempt all questions.

(3) Draw neat labelled diagram whenever necessary.

(4) All questions carry equal marks i.e. 25

- 1 Describe the anatomy of compartments of the leg. Describe the methods of measuring the compartment pressure. Add a note on treatment of compartment syndrome.
- 2 Discuss about the elements of pre-hospital management of major trauma.
- 3 Discuss biomechanics of the Hip Joint and discuss in detail the abductor mechanism and its components.
- 4 Discuss in detail about various methods of holding reduction of fractures.



N-2106100401020001

M. S. (Orthopaedics) Examination

June/July 2021

Traumatology : Paper - II

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

Fillup strictly the details of signs on your answer book.
 Name of the Examination :
 M. S. (Orthopaedics)
 Name of the Subject :
 Traumatology - II
 Subject Code No. : Section No. (1, 2,.....) : Nil
 2 1 0 6 1 0 0 4 0 1 0 2 0 0 0 1

Seat No.:

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Student's Signature

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

- 1 Outline the various classifications of Fracture Neck Femur. Discuss management of 2 months old intra-capsular fracture of neck femur in a Young adult.
- 2 What do you understand by complete and incomplete spinal cord injury ? Describe incomplete spinal cord injury patterns.
- 3 Write about surgical anatomy of rotator cuff muscles with special reference to their insertion. Discuss in detail about types and management of rotator cuff tear.
- 4 Classify nerve injuries. Describe the clinical feature and management of Traumatic Ulnar Nerve Palsy at the level of Elbow.



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M. S. (Orthopaedics) Examination

June/July - 2021

Orthopaedic Disease : Paper - III

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे द्वादिता निशुनीवानी विगतो उत्तरवदी पर अवाय वपदी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> M. S. (Orthopaedics)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> Orthopaedic Disease - III	<input type="text"/>
Subject Code No. :	<input type="text"/>
<input type="checkbox"/> Section No. (1, 2,.....) : Nil	<input type="text"/>
<input type="checkbox"/> 2 1 0 6 1 0 0 4 0 1 0 3 0 0 0 1	<input type="text"/>
	Student's Signature

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

- 1 Discuss etiopathology of Congenial Vertical Talus (CVT) and its management.
- 2 Explain causes of painful hip in 8 year old child. Discuss etiopathology, clinical features and management of Tuberculosis of Hip in a 8 year old boy.
- 3 Classify bone tumors depending upon cell of origin. Discuss limb sparing techniques in the management of malignant bone tumors.
- 4 What is a femoro-acetabular impingement ? Discuss pathomechanics, aetiology, clinicoradical features and management of femoro-acetabular impingement.



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M. S. (Orthopaedics) Examination

June/July - 2021

Paper - IV : Recent Advances in Orthopaedics

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવાદી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> M. S. (Orthopaedics)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> Paper - IV : Recent Advances in Orthopaedics	<input type="text"/>
Subject Code No. :	<input type="text"/>
<input type="checkbox"/> Section No. (1, 2,.....) : Nil	<input type="text"/>
<input type="checkbox"/> 2 1 0 6 1 0 0 4 0 1 0 4 0 0 0 1	<input type="text"/>
	Student's Signature

- (2) Attempt all questions.
 - (3) Draw neat labelled diagram whenever necessary.
 - (4) All questions carry equal marks i.e. 25
- 1 Describe the recent advances in Prosthetics and Robotics in Orthopaedics.
 - 2 Discuss biomechanics, indications and contraindications of Reverse Shoulder Arthroplasty. Describe advantages offered by it over traditional total shoulder arthroplasty.
 - 3 What is Mangled extremity severity score ? Discuss the principle and uses of a Vacuum Assisted Closure Devices (VAC) in wound management.
 - 4 Describe various portal, indication, and complications of Hip Arthroscopy. Discuss its scope in orthopaedics.