

0419E003

Candidate's Seat No : _____

M.S. Examination

Orthopaedics : Branch III

Paper-I

(Applied Basic Sciences)

[Max. Marks : 100

01-04-2019, Monday]

3 Hours]

- Instructions :
- (1) Figure to the right indicates marks.
 - (2) Write legibly and to the point.
 - (3) Draw diagrams wherever necessary.

1. Describe the anatomy of illiotibial band and the effect of its contracture on lower limb. 20
 2. What is the role of PTH in calcium metabolism? Discuss hyperparathyroidism. 20
 3. Classify the zones of flexor tendons in hand and discuss management of flexor tendon injury in Zone II 20
 4. Write short note on :-
 - a. Trendelenburg's test. 10
 - b. DMARD 10
 - c. Bone graft substitutes 10
 - d. DOTS in TB 10
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M.S. Examination
Orthopaedics : Branch III
Paper II
(General Surgery)

Date : 03-04-2019, Wednesday]
Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Discuss courses of DVT, clinical features and its management including prevention. 20
 2. Discuss physiology of spinal shock, and its management. 20
 3. Describe gas gangrene and its courses, clinical features and its management. 20
 4. Write short note on :-
 - a. Cardiac tamponade 10
 - b. Wallerian degeneration 10
 - c. Damaged controlled orthopaedics. 10
 - d. Glasgow Coma Scale 10
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0419E103

Candidate's Seat No : _____

M.S. Examination

Orthopaedics : Branch III

Paper III

(Sur. Inclu. Path. Pertaining to Ortho.)

[Max. Marks : 100

Date : 05-04-2019, Friday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.
 (2) Write legibly and to the point.
 (3) Draw diagrams wherever necessary.

1. Describe various systems, implants available for limb length equalization. Discuss underlying principles. 20
 2. Describe management of brachial artery injury in association with supracondylar fracture of humerus in children. 20
 3. Enumerate various methods of ACL reconstruction. Discuss advantage and disadvantage of each. 20
 4. Write short note on :-
 - a. Locked Knee 10
 - b. Renal Rickets 10
 - c. Biphosphonates. 10
 - d. Calneovalgus foot. 10
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M.S. Examination

Orthopaedics : Branch III

Paper IV

(Modern Trends & recent Advances)

[Max. Marks : 100

Date : 09-04-2019, Tuesday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary. .-

1. Discuss management of full thickness chondral injuries of the knee. 20
 2. Enumerate indications of hip arthroscopy and discuss arthroscopic management of FAI. 20
 3. Discuss newer bearing surfaces in THR and advantages of each. 20
 4. Write short note on :-
 - a. Reverse shoulder arthroplasty. 10
 - b. Second generation of ACI 10
 - c. Latarjet operation. 10
 - d. HIV prophylaxis after needle prick in medical worker. 10
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