Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2013

[Time: 3 Hours] [Max. Marks: 100]

ORTHOPAEDICS

PAPER I

(Revised Scheme)

Q.P. CODE : 8261

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss aetio pathogenesis of Deep Vein Thrombosis. Discuss clinical picture and management of Deep Vein Thrombosis
2. Describe blood supply of long bone. How it affects after fracture, surface fixation and intramedullary fixation

SHORT ESSAY **6 X 10 = 60 Marks**

3. PET Scan
4. Esmarch Tourniquet
5. Sudeck's Osteodystrophy
6. Neurogenic Bladder
7. Trophic ulcer
8. Role of USG in Orthopaedics

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2013

Time: Three Hours **Max. Marks: 100 Marks**

MS Orthopaedics PAPER- II
(Revised Scheme)
Q. P. CODE: 8262

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 20 = 40 Marks**

1. Classify the fracture of the lower end of femur.
   How will you manage a patient with communited supracondylar fracture with joint extension? What are the complications and how will you manage them.

2. Classify distal radial fractures.
   Discuss the management of communited distal radial fracture in a young adult.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Dynamization of an interlocking nail

4. Classification of soft tissue injuries

5. Timing of fixation of open fracture shaft of tibia in a young adult

6. Tension band wiring

7. Coraco clavicular l ligament

8. Treatment of deep vein thrombosis

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2013

[Time: 3 Hours] [Max. Marks: 100]

ORTHOPAEDICS

PAPER III

(Revised Scheme)

Q.P. CODE: 8263

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe calcium metabolism. Discuss pathology, clinical features and management of rickets
2. Discuss osteotomies around hip joint

SHORT ESSAY **6 X 10 = 60 Marks**

3. Describe biomechanics of knee joint
4. Bone graft
5. Autologous blood transfusion
6. Diagnosis and management of cemented TKR – infected
7. Blounts disease
8. Villonodular synovitis

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2013

Time: Three Hours **Max. Marks: 100 Marks**

MS Orthopaedics PAPER- IV
(Revised Scheme)
Q. P. CODE: 8264

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 20 = 40 Marks**

1. How will you evaluate a patient aged 70 years who has presented for revision hip replacement? What are the prosthetic options available in revision hip surgery?
2. Discuss the role of different autografts for Arthroscopic assisted ACL reconstruction.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Cartilage culture
4. Laminar flow in operating room
5. Preoperative planning in total shoulder arthroplasy
6. Computer assisted navigation in orthopaedic surgery
7. Allograft
8. Disc replacement

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