

**Rajiv Gandhi University of Health Sciences**  
**M.S. Degree Examination - JUNE 2016**

63

[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. What is ATLS? Discuss the management of a patient of polytrauma according to principle of ATLS
2. Discuss Aetiology, Clinical features, Investigation and management of Implant Associated infection

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

3. Titanium Implants
4. Role of Stem cells in Orthopaedics
5. Traction in Orthopaedics
6. Plaster technique
7. Laser treatment in orthopaedics
8. Stress fractures

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# Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - JUNE 2016

6A

[Time: 3 Hours]

[Max. Marks: 100]

## ORTHOPAEDICS

### PAPER II

(Revised Scheme)

**Q.P. CODE : 8262**

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 classification and management of Epiphyseal injuries in children. Add a note on its' complications.
2. Discuss surgical anatomy of distal femur. Classify distal femoral fractures and describe it's management.

#### SHORT ESSAY

**6 X 10 = 60 Marks**

3. Locking compression plates
4. Hangmann's fractures
5. Classification of injuries around ankle
6. Syme's amputation
7. Monteggia fracture dislocation
8. Vaccum assisted closure of wounds

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Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – JULY 2016

65

Time: Three Hours

Max. Marks: 100 Marks

**MS Orthopaedics PAPER- III**  
**(Revised Scheme)**  
**Q. P. CODE: 8263**

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

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Describe the management of hemophilic knee joint in a patient aged 35 years.
2. Discuss evaluation and management of quadriceps contracture in a 4 year old girl.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Trigger thumb
4. Otto pelvis
5. Scurvy
6. Necrotizing fasciitis
7. Classification of spondylolisthesis
8. Pathology and management of Kienbock's disease

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Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – JULY 2016

66

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. Discuss the preoperative planning in revision knee replacement. Discuss the prosthetic options in revision knee.
2. Discuss the merits & demerits of anatomical locking plates for the distal humerus. What are the complications of LCP

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Reverse shoulder arthroplasty
4. Laminar flow in operating room
5. PET scan
6. Epidural analgesia
7. Bone substitute
8. Microdiscectomy

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