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# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – APRIL/MAY 2015

62

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

## MS Orthopaedics PAPER- I
## (Revised Scheme)
## Q. P. CODE: 8261

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 Muscular and capsulo-ligamentous anatomy of shoulder. Describe the pathophysiology of rotator cuff tears.

2. Describe fracture healing and its stages. How it differs in cortical and cancellous bones. Discuss in detail about local and systemic factors influencing the fracture healing.

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

3. Pain management in orthopaedics

4. Rehabilitation after ACL reconstruction

5. Plaster of paris

6. Joint lubrication

7. Wallerian degeneration

8. Necrotising fascieitis.

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# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

61

**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. What are the peculiarities of ipsilateral hip and shaft fractures? Describe the modern nailing techniques in the treatment of these fractures.

2. How will you evaluate an footballer who sustained valgus injury in extended knee. Discuss the early and late management.

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

3. Whip lash injury

4. Reflex sympathetic dystrophy

5. Bridge plate

6. Monteggia variants

7. Visceral injuries in pelvic fractures

8. Tuber Joint Angle

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# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

60

**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. What are the options available for managing a four centimeter lower limb length inequality in a fourteen year old boy?
   Explain the factors you will take into consideration for the choice of treatment modality. Describe in detail the method you would prefer to employ.

2. How will you clinically evaluate and investigate a 60 year old man with wasting of small muscles of the hand?

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

3. Prognostic indicators in perthes disease

4. Management of Grade II chronic slip in $L_5$ over $S_1$

5. Rationale of complete subtalar release in clubfoot

6. Neoadjuvant chemotherapy

7. Tumor calcinosis

8. Painful arc syndrome

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# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

59

**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 recent advances in the management of traumatic brachial plexus injury.

2. Describe the recent advances in evaluation and management of infection after total joint replacement of knee.

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

3. Autologous Cartilage Implantation

4. Teriparatide

5. Biodegradable implant

6. Role of viscosupplementation in Osteoarthrosis of the knee joint

7. Double row technique in rotator cuff repair

8. Disc replacement

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