# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY 2017

Time: Three Hours | Max. Marks: 100 Marks

## DIPLOMA IN ORTHOPAEDICS

### Basic science as applied to Orthopaedics

PAPER – I (Revised Scheme)

Q.P. CODE: 7191

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS 2 x 20 = 40 Marks

1. Define compartment syndrome. Describe the etiopathogenesis of compartment syndrome. How will you manage a case of PULSELESS PINK HAND?
2. Describe the development of upper end of femur and its blood supply, with special reference to developmental dysplasia of hip and Perthes disease.

SHORT ESSAYS 6 x 10 = 60 Marks

3. Fibre glass cast
4. Alkaline phosphatase
5. Damage control in orthopedics
6. Radiological findings in rickets
7. Bone grafting
8. Implant removal

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Post Graduate Diploma Degree Examination – MAY 2017

Time: Three Hours Max. Marks: 100 Marks

## DIPLOMA IN ORTHOPAEDICS

### Orthopaedic Traumatology

PAPER – II (Revised Scheme)

Q.P. CODE: 7192

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS 2 x 20 = 40 Marks

1. Mention the eponymous fractures around wrist. Describe the mechanism of injury, clinical features, management and complications of COLLES fracture.
2. Classify Pelvic fractures. How would you manage a case of polytrauma with unstable fracture pelvis? Add a note on Morel Lavelle syndrome.

SHORT ESSAYS 6 x 10 = 60 Marks

3. Fractures around elbow
4. Seat belt injuries
5. Ipsilateral fracture neck and shaft of femur
6. ‘Q’ angle
7. Telescoping intramedullary nail
8. Heterotropic ossification

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## Post Graduate Diploma Degree Examination – <<<>>>

Time: Three Hours | Max. Marks: 100 Marks

### DIPLOMA IN ORTHOPAEDICS

### PAPER – III (Revised Scheme)

### Q.P. CODE: 7193

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

LONG ESSAYS 2 x 20 = 40 Marks

1. Classify bone tumours. Discuss in detail the pathogenesis, types and clinical features and management of osteosarcoma.
2. Discuss in detail etiology, pathogenesis, types, clinical features and management of tuberculosis of spine and its complications.

SHORT ESSAYS 6 x 10 = 60 Marks

3. Neglected CTEV
4. Modified jones procedures for wrist drop
5. Coxavara
6. Blairs fusion
7. Osteogenesis imperfecta
8. Pagets disease

# Rajiv Gandhi University of Health Sciences, Karnataka

## Post Graduate Diploma Degree Examination – NOVEMBER 2017

Time: Three Hours | Max. Marks: 100 Marks

### DIPLOMA IN ORTHOPAEDICS
### Basic science as applied to Orthopaedics
PAPER – I

Q.P. CODE: 7191

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

Answer all the Questions | 10 x 10 = 100 Marks

1. Describe the uric acid metabolism. Mention the clinical features and differential diagnosis of Gout. Describe the management of Gout.
2. Describe the anatomy of epiphysis. Discuss its pathology in rickets.
3. Steinmann pin.
4. Gas gangrene.
5. Clinical tests for diagnosis of ACL injury of knee.
6. Therapeutic ultrasound in Orthopaedics.
7. Ulnar Claw Hand.
8. Mechanical properties of stainless steel in orthopaedic implant.
9. Diagnostic tests to assess infection Post THR.
10. Biology of Fracture Healing.

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# Rajiv Gandhi University of Health Sciences, Karnataka

## Post Graduate Diploma Degree Examination – NOV 2017

Time: Three Hours | Max. Marks: 100 Marks

## DIPLOMA IN ORTHOPAEDICS

### Orthopaedic Traumatology

PAPER – II

Q.P. CODE: 7192

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

Answer all the Questions | 10 x 10 = 100 Marks

1. Discuss the clinical features & management of fracture neck of femur in a 30 year old male.
2. How will you evaluate and manage acute anterior dislocation of shoulder in a 36 year old male?
3. Elbow dislocation.
4. Stress fracture.
5. Bennet's fracture.
6. PCL avulsion.
7. Classification of proximal humerus fracture.
8. Automatic bladder.
9. Posterior approach to hip joint.
10. Acromio - clavicular dislocation- Classification and management.

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# Rajiv Gandhi University of Health Sciences, Karnataka

## Post Graduate Diploma Degree Examination – NOV - 2017

Time: Three Hours | Max. Marks: 100 Marks

### DIPLOMA IN ORTHOPAEDICS

### PAPER – III

### Q.P. CODE: 7193

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

Answer all the Questions | 10 x 10 = 100 Marks

1. Describe the orthopaedic manifestations of Rheumatoid Arthritis. Discuss the recent advances in the management of Rheumatoid Arthritis with respect to Diagnosis, Medical & Surgical treatment.

2. Classify Osteomyelitis.

   Discuss the principles of management of Acute osteomyelitis.

   Add a note on its complications.

3. Synovial fluid analysis.

4. Denis Browne splint.

5. Diabetic foot.

6. Tendon transfer in radial nerve palsy.

7. Chondromalacia patella.

8. Giant cell tumor.

9. Tumour markers in orthopaedics.

10. Genes associated with Disc Pathology.

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