Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2010

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

BASIC SCIENCES 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 ESSAY **2 X 20 = 40 Marks**

1. Discuss the pathophysiology of acute respiratory distress syndrome (ARDS). How will you treat a case of ARDS following fracture femur in an adult?

2. Describe the metabolism of uric acid. Mention the clinical features and differential diagnosis of gout. Discuss the management of a case with gouty arthritis

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

3. Traction in Orthopaedics – Different types and indications
4. Normal human gait cycle
5. Bursae around the knee joint
6. Giant cells in Orthopaedics
7. LCDCP (Limited Contact Dynamic Compression Plate)
8. Plaster of Paris

ER. MULLER CENTRAL LIBRARY
Accession No. QP-12
Date 25/06/2010
KANKANADY

* * * * *

Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2010

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

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 ESSAY **2 X 20 = 40 Marks**

1. Discuss how you will proceed to evaluate and treat a forty year old man with a type III open fracture of the left tibia with a closed comminuted fracture of the mid shaft of the left femur?

2. How do you classify fractures of the dorsolumbar spine? How will you manage a D12 injury with paraplegia? What are the complications?

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

3. Barton's fracture

4. Complications of traumatic hip dislocation

5. Baumann's angle

6. Fractures of the upper end of humerus

7. Essex – Lopresti classification of Calcaneal features

8. Gallows traction

* * * * *

Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2010

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

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 ESSAY **2 X 20 = 40 Marks**

1. What are the different causes of foot drop? Discuss the biomechanics and different principles of management of foot drop

2. Discuss the aetiopathology of avascular necrosis of femoral head. How would you manage a case of progressive bilateral avascular necrosis of the femoral heads in a 40 year old man?

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

3. Bone cement
4. Congenital absence of fibula
5. Ewing's sarcoma, clinical features, diagnosis and management
6. Triple arthrodesis
7. What are the boundaries of deep palmar space? List the signs symptoms and describe the treatment of an abscess in the mid palmar space
8. Infantile torticollis

* * * * *

