Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY-2018

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. Discuss in detail the biomechanics of hip joint and its application in total hip replacement.
2. Discuss in detail Vitamin D and calcium metabolism. Add a note on rickets and scurvy.
3. Tension band principle.
4. Anatomy of physeal plate.
5. Bio film.
6. Arches of foot with blood supply of talus.
7. Tumour markers.
8. Bone biopsy.
9. Form and function of Skeletal Muscle.
10. Biology of Tendon Healing.

Rajiv Gandhi University of Health Sciences, Karnataka

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Post Graduate Diploma Degree Examination – MAY-2018

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. Classify dislocations of shoulder joint. Discuss the mechanism, pathology, clinical features of multi directional instability of shoulder.

2. Classify fracture neck of femur in children and adults. Discuss in detail the management in young adults.

3. Functional cast bracing.

4. Monteggia fracture dislocation.

5. Classify medical meniscal injury.

6. Cauda equina syndrome and conus medullaris.

7. Kaplan's dislocation.

8. Aviators fractures.

9. Columnar classification of Proximal tibial fracture.

10. Proximal femoral nails.

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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 clinical and radiological features and management of Unilateral neglected CTEV in a 6 year old girl.
2. Discuss the clinical features and management of chronic grade III, slipped capital femoral epiphysis.
3. Osteoid osteoma.
4. Spondyloepiphyseal dysplasia.
5. Discitis.
6. Synovial fluid analysis.
7. Tardy ulnar nerve palsy.
8. Randomised control trial.
9. PET Scan.
10. Mega Prosthesis.

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

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 Arches of the foot and discuss patho anatomy in flat foot. Outline the management of flat foot.
2. Enumerate the Antituberculosis drugs. Discuss the various regimens that are followed in the management of skeletal tuberculosis.
3. Renal Rickets.
4. Osteon.
5. Synovial fluid.
6. Gram's stain.
7. MRI.
8. Blood coagulation factors.
9. Biologic response to orthopaedics implants.
10. Biology of articular cartilage repair.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – NOV 2018

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. Classify pelvis fractures. Describe the bio-mechanics, clinical features and management of pelvis fractures.

2. Describe the bio-mechanism, clinical features, diagnosis, complications and management of old unreduced posterior dislocation elbow.

3. Malunion.

4. Neurotemesis.

5. Epiphyseal injuries.

6. Medial meniscal injury.

7. Galeazi's fracture.

8. Bone cement.

9. Extensor Expansion.

10. Ligementotaxis in distal radius fracture.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – NOV 2018

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 pathogenesis, clinical features, diagnosis and management of “Tuberculosis of the knee” in an adult.
2. Describe the pathology, clinical features, diagnosis and management of “Ewings sarcoma” involving Tibia in a child.
3. Carpal Tunnel syndrome.
4. Osteo chondroma.
5. Sequestrum.
6. Morant Baker’s cyst.
7. Epidural analgesia.
8. Alloy’s in orthopaedics.
9. Dual mobility THR.
10. Platelet Rich Plasma in orthopaedics.

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