Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY-2019

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. Define shock. Discuss the Haemodynamics in an adult with Haemorrhagic shock and its management in detail.
2. Discuss the pathological anatomy, clinical features and recent trends in the management of spondylolisthesis – Gr IV – Lumbar 4 over 5 in an adult.
3. Fluorosis (Skeletal).
4. Anterior cruciate ligament.
5. Interferential therapy.
6. Mycobacterium tuberculosis.
7. Vitamin – D.
8. Bone scan.
9. Form and function of the Intervertebral disc.
10. Principles in Bone Biopsy.

Rajiv Gandhi University of Health Sciences, Karnataka

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Post Graduate Diploma Degree Examination – MAY-2019

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 supracondylar fractures of humerus. How will you manage a case of extension type of supracondylar fracture of humerus in a child? Enumerate the complications.

2. Classify injuries of the ankle. How do you treat a case of trimalleolar fracture? Add a note on Maissonove fracture.

3. Dynamic compression plate.

4. Tension band wiring.

5. Posterior dislocation of shoulder.

6. Absolute stability in fracture fixation.

7. Thomson's Prosthesis.

8. Classification of distal radius fractures.

9. Columnar fixation of distal radius fracture.

10. Management of lateral wall communition in trochanteric fractures.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY-2019

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 clinical and radiological features and management of giant cell tumor of lower radius in a 33 year old lady.
2. Discuss the clinical features and management of AVN of head of femur in an adult.
3. Osteosarcoma.
4. Spondylolisthesis.
5. Disc replacement.
6. Osteochondritis dessicans in talus.
7. Tardy ulnar nerve palsy.
8. P value in statistics.
9. BMP.
10. Bone bank.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post-Graduate Diploma Examination - 12-Nov-2019

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

DIPLOMA IN ORTHOPAEDICS
Basic Sciences 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 anatomy of the Anterior Cruciate ligament. Explain the clinical presentation, signs, symptoms and management of a 25-year-old active sportsman with ACL injury?
2. Describe blood supply of proximal femur in an adult. How will you diagnose and manage an intracapsular fracture sustained by a 50-year-old man sustained 2 hours prior to presentation?
3. Alkaptonuria.
4. Causes, presentation and management of Foot drop.
5. Synovial fluid.
6. Blood supply of the scaphoid bone.
7. MRSA.
8. COX – 2 inhibitors.
9. Biomaterials.
10. Kinesiology of Shoulder joint.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Examination – 14-Nov-2019

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 management of ipsilateral posterior dislocation of hip with closed fracture of shaft of femur in a 30-year-old male.
2. How will you evaluate and manage chronic radial head dislocation in a 16-year-old girl?
3. Posterior dislocation of shoulder.
4. PTB cast.
5. March fracture.
6. Keinbock's disease.
7. Classification of proximal humerus fracture.
8. Burst fracture of D 12.
9. Columnar concept in distal radius fracture and its management principle.
10. Scaphoid non-union management.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post-Graduate Diploma Examination – 16-Nov-2019

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

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 etiology, pathology, clinical features, diagnosis and management of avascular necrosis of the femoral head in a 30-year-old lady.

2. Describe the pathology, clinical and radiological features, diagnosis and management of Ewing's Sarcoma?

3. Pigmented villo-nodular synovitis.

4. Triple deformity of the knee.

5. Bone grafting.

6. Low friction arthroplasty.

7. Peri-arthritis of the shoulder.

8. Herbert screw.

9. Synthetic Bone Grafts.

10. Osteoinduction in orthopaedics.

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