8251_2009_1_S47

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2010

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

ORTHOPAEDICS

BASIC AND CLINICAL SCIENCES as applied to ORTHOPAEDIC SURGERY including RECENT ADVANCES

PAPER - I (Old Scheme)

Q.P. CODE : 8251

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. Describe the mechanism of blood coagulation. Discuss the orthopaedic manifestations of haemophilia
2. Discuss the Pathophysiology of compartmental syndrome. Discuss the clinical features and management of a child with impending Volkman's ischaemia due to a supracondylar fracture of humerus

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

3. Secondary hyperparathyroidism
4. Phantom limb
5. Structure of the growth plate
6. Jaipur foot
7. Singh index
8. Compound palmar ganglion

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2010

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

ORTHOPAEDICS

PAPER - II (Old Scheme)

Q.P. CODE : 8252

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 complications of total hip replacement and explain in detail about any one of them
2. Classify osteoporosis in adults. Discuss its investigations and management

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

3. Renal rickets
4. Kienbock's disease
5. Osteochondritis dissecans
6. Torticollis
7. Congenital pseudoarthrosis of tibia
8. SACH foot

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2010

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

ORTHOPAEDICS

PAPER - III (Old Scheme)

Q.P. CODE: 8253

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. Classify posterior dislocation of the hip. Describe the clinical and radiological features. Discuss briefly the methods of closed reduction of posterior dislocation of the hip

2. Discuss the management of a flexor tendon injury of the index finger involving both the profundus and sublimes tendons in "No man's land"

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

3. Dislocation of the carpal lunate
4. Tension band principle
5. Galeazzi fracture dislocation
6. TILLAUX fracture
7. Pivot shift test
8. Erb's palsy

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8254_2009_1_S43

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2010

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

ORTHOPAEDICS

PAPER - IV (Old Scheme)

Q.P. CODE: 8254

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. Classify subtrochanteric fractures. Describe the clinical features and management of the same

2. Describe the components of deformity in CTEV. Discuss the management of their condition up to the age of seven years

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

3. Pavlik harness
4. Volkman's ischemic contracture
5. Cryosurgery
6. Synovial chondromatosis
7. De qmervain's disease
8. Tetanus

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8261_2009_1_S131

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2010

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

ORTHOPAEDICS

PAPER I

(Revised Scheme)

Q.P. CODE : 8261

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 surgical anatomy of the hip in relation to the various approaches to the hip joint

2. Discuss the factors influencing calcium metabolism and the management of osteoporosis

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

3. Cobalt chromium alloy
4. Osteoblastoma
5. C reactive protein
6. Bankart's lesion
7. Ulnar paradox
8. Fracture disease

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2010

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

ORTHOPAEDICS

PAPER II

(Revised Scheme)

Q.P. CODE : 8262

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. Classify pelvic ring fracture and discuss the operative and non-operative treatment of pelvic fractures
2. Discuss the anatomy, classification and management of Thoraco Lumbar Fractures

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

3. Inferior capsular shift
4. Synthetic bone grafts
5. Essex-Lopresti classification of calcaneal fractures
6. Functional cast bracing
7. Bipolar prosthesis
8. Crush syndrome

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2010

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

ORTHOPAEDICS

PAPER III

(Revised Scheme)

Q.P. CODE: 8263

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 factors to be taken into consideration in tendon transfer? Discuss the methods of tendon transfers in median nerve paralysis

2. Discuss the current concepts in the management of osteoporosis with specific reference to the prevention of osteoporotic fractures in the elderly

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

3. Discuss briefly the pathology, clinico-radiological features and management of painful arc syndrome

4. What is Chondromalacia patella? Discuss the recent trends in the management of chondromalacia patellae

5. Describe the characteristics of Dennis Brown splint and shoe. Discuss their role in the management of club foot

6. Classify spondylolisthesis. Give examples

7. Write a short essay on un-cemented prosthesis

8. Discuss the pathology, clinico-radiological features and management of Kienbock's disease

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8264_2009_1_S43

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2010

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

ORTHOPAEDICS

PAPER IV

(Revised Scheme)

Q.P. CODE: 8264

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 diagnosis and management of multiple myeloma
2. Classify knee instability and management of ACL insufficiency

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

3. Orthopaedics manifestation of AIDS
4. Cervical discectomy
5. Biodegradable implant
6. High tibial osteotomy
7. Ewing's sarcoma
8. Looser zones

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