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3181

M. S. Examination, 2012

ORTHOPAEDICS

Paper - I

(General Orthopaedics / Basic Science)

Time : Three Hours] [Maximum Marks : 100

SECTION-A

Note :- Attempt any three. All questions carry equal marks. 15x4=60

1. Describe the physiology of balance and hearing with diagrams. 15
2. Describe the anatomy of osteomeatal complex of lateral wall of nose with labelled diagram and discuss briefly the concept of FESS. 15
3. Describe the anatomy of facial nerve both intracranial and extracranial up to the level of stylomastoid foramen & labelled diagram. Mention congenital abnormalities also. 15

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3181

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4. Describe the anatomical barriers, including the connective tissue spaces in the larynx that influence the local spread of endolaryngeal cancer with the help of a labelled diagram. 15

SECTION-B

Note :- Attempt any five. All questions carry equal marks. 8x5=40

1. Otolith organs.
2. Pterygopalatine fossa and its surgical approaches.
3. Draw a labelled diagram of Prussak's space.
4. Identification of facial nerve during parotidectomy.
5. Kellian's dehiscence.
6. Bell's palsy : electrodiagnosis in relation to anatomy and physiology.

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3182

MS (Orthopaedics)

Paper-II

Principles & Practice of Orthopaedic Diseases & Operative Orthopaedics

Max. Marks: 100

Time: 3 hrs

All questions carry equal marks

Q1 Discuss pathogenesis of Rheumatoid arthritis.

Q2. Discuss management of anterior recurrent dislocation of shoulder. Elaborate on Bankart's repair.

Q3. Discuss arthritis associated with bowel disease.

Q 4. Discuss Singh's Index and illustrate it with respect to normal trabecular pattern of femoral head and neck.

Q5. Describe the clinical picture, pathology and management of Osteoporosis.

Q6 Discuss Paget's disease.

Q7. Elaborate Intrinsic minus and plus deformity of the hand.

Q8. Describe Dilwyn -- Ewan procedure.

Q9 Write a short note on Osteomalacia in old age

Q 10 Discuss Klippel - Fiel syndrome.

3183

MS (Orthopaedics)

**Paper-III
Traumatology and Related Aspects**

Time: 3 hrs

Max. Marks: 100

All questions carry equal marks

- Q1. Discuss slow acting anti-rheumatic drugs and their role in improvement in quality of life of patient.
- Q2. Discuss emergency management of multiple trauma in a case of road accident.
- Q3. Discuss mechanical and pharmacological prevention of DVT.
- Q4. Discuss pharmacological options in alleviating direct symptoms and their control
- Q5. Discuss management of Tardy ulnar nerve neuritis
- Q6. Discuss surgeon induced mal-union of fracture in adults.
- Q7. Discuss principles of rehabilitation of paraplegic patient?
- Q8. Discuss HIP joint replacement.
- Q9. Enumerate posterior approaches to acetabulum. Describe Kocher-Langenback approach.
- Q10. Discuss the management of smashed elbow.