

MS[Surgery]

BF/2008/12

Basic Sciences as applied to Surgery

[Paper-I]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Describe surgical anatomy and lymphatic drainage of Stomach. Discuss etiopathogenesis of Carcinoma stomach. [30]
 2. Discuss surgical anatomy of Thyroid and management of differentiated Carcinomas of Thyroid. [30]
 3. **Write short notes on:**
 - a. Mixed parotid tumour. [10]
 - b. Gall stones. [10]
 - c. Hyperkalemia. [10]
 - d. MRI. [10]
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MS[Surgery]

BF/2008/12

Principles & Practice of Surgery

[Paper-II]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Enumerate the causes of Acute pancreatitis. Discuss in detail the management of Gall stone pancreatitis. [30]

2. What are the stigmata's of buergers disease and how they are different from other arterial disorders. Discuss the management of buergers disease with special reference to nutritional modifications. [25]

3. **Write short notes on:** [3x15=45]
 - a. Basal cell carcinoma.
 - b. Incentive spirometry in surgical patients.
 - c. Drugs enhancing the effect of Radiotherapy.

MS[Surgery]

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Operative Surgery

[Paper-III]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss various surgical options for Carcinoma Rectum. [20]

 2. **Write short notes on:**
 - a. Surgical audit. [10]
 - b. Sentinal node biopsy. [10]
 - c. Cystogastrostomy. [10]

 3. **Discuss operative steps and complications of:**
 - a. Superficial parotidectomy. [10]
 - b. Shouldice repair. [10]
 - c. Frayer's prostatectomy. [10]

 4. **Discuss preoperative preparations for:**
 - a. Thyroidectomy for Graves disease. [10]
 - b. Pancreatoduodenectomy for periampullary Carcinoma. [10]
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MS[Surgery]

BF/2008/12

Recent Advances in Surgery

[Paper-IV]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Write the role of isotopes in general surgical practice. [10]
2. Write the current views on short bowel syndrome. [10]
3. Write the advances in instrumentation in minimal access surgery. [10]
4. Discuss the breast cancer staging and biomarkers in breast cancer. [10]
5. Discuss the role of imaging in blunt abdominal trauma. [10]
6. Write the current views on the management of peripheral arterial disease. [10]
7. Discuss the Limb salvage therapy in Soft tissue sarcoma. [10]
8. **Write notes on:**
 - a. Fast track surgery. [10]
 - b. Pancreatic Transplantation. [10]
 - c. Low molecular weight heparin and its application in surgical practice. [10]

MS[Orthopaedics]

BF/2008/12

Basic Sciences as related Orthopaedics

[Paper-I]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss the causes, clinical features and management of a high radial nerve palsy. [40]

 2. **Write short notes on:**
 - a. Use of Ultrasonography in orthopaedic practice. [15]
 - b. SPECT. [15]

 3. **Write short notes on:**
 - a. Plantar Fasciitis. [10]
 - b. Ober's test. [10]
 - c. Thomas splint. [10]
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MS[Orthopaedics]

BF/2008/12

Principles & Practice of Orthopaedics diseases & Operative orthopaedics

[Paper-II]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss in detail the various surgical approaches of Knee joint along with their uses in specific operations. [30]
 2. Describe the etiopathogenesis of acute Osteomyelitis.- its clinico radiological diagnosis and management. [20]
 3. **Write short notes on:**
 - a. Klumpke's paralysis. [10]
 - b. Why do Osteosynthesis fails. [10]
 - c. Absolute and relative stability in fracture fixation. [10]
 - d. A.O. fracture classification. [10]
 - e. Mckenzie technique. [10]
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MS[Orthopaedics]

BF/2008/12

Traumatology and its related aspects

[Paper-III]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss the various types of Dislocations of Hip with special reference to the management and complications of Posterior Dislocation of Hip? [30]
 2. **Write short notes on:** [4x10]
 - a. HOLLESTEIN-LEVIS Syndrome.
 - b. GUSTILO-ANDERSEN classification of compound fractures.
 - c. LISS in the management of Distal Femoral fractures.
 - d. Distraction osteogenesis.
 3. Discuss the complications of Supracondylar fractures of humerus in children and management of Cubitus Varus deformity. [30]
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MS[Orthopaedics]

BF/2008/12

Recent Advances in Orthopaedics

[Paper-IV]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss the recent trends in the management of proximal femoral fractures in subtrochanteric region. [40]

 2. **Discuss in brief:**
 - a. Management of fracture Odontoid. [15]
 - b. The concept of Osteotomies around hip joint. [15]
 - c. The impact of HIV in orthopaedics. [15]
 - d. The concept of fracture fixation in Osteoporosis. [15]
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