

MS[Surgery]

BF/2009/05

Basic Sciences as applied to Surgery

[Paper-I]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Describe development, applied anatomy and lymphatic drainage of Breast. Discuss aetiopathogenesis of Carcinoma Breast. [30]

2. Discuss the principles of clinical organ transplantation and types of rejection. [30]

3. **Write short notes on:**
 - a. Changes in surgery during renaissance. [10]
 - b. Clavipectoral Fascia. [10]
 - c. Principal factors in surgical site infection. [10]
 - d. Discuss Acid-base disturbances. [10]

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Principles & Practice of Surgery

[Paper-II]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Classify Tumours of Kidney. Describe the pathology, clinical features and management of Renal cell carcinoma. [30]

2. Define and classify Gangrene. Discuss the etiopathogenesis and management of a Gangrene foot in a 45 years old diabetic patient. [25]

3. **Write short notes on:** [3x15=45]
 - a. Congenital hypertrophic pyloric stenosis.
 - b. Glasgow coma scale.
 - c. Pulmonary embolism.

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Operative Surgery

[Paper-III]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Discuss the clinical presentation, investigations and surgical management of Ca. Stomach. [20]

 2. **How will you prepare the patient for:**
 - a. LAR. [10]
 - b. Excision of pheochromocytoma. [10]
 - c. Esophagectomy. [10]

 3. **Describe indications, operative steps and complications of the following:**
 - a. Radical neck dissection. [15]
 - b. Breast conservative surgery. [15]

 4. **Write short notes on:**
 - a. APR. [10]
 - b. Orchiectomy. [10]
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Recent Advances in Surgery

[Paper-IV]

Time : 3 Hours

M.M.: 100

Note: Attempt all questions.

1. Write the role of implants in surgical practice. [10]
2. Write the current status of Laparoscopic cancer surgery. [10]
3. Write the current views on hormonal treatment for Breast cancer. [10]
4. Discuss the management of abdominal compartment syndrome. [10]
5. Write the diagnosis, treatment and prevention of complications of acute Deep Vein Thrombosis. [10]
6. Write the indications, types & complications of Colonic Pouch. [10]
7. Write current views on the treatment of differentiated Thyroid cancer. [10]
8. **Write notes on:**
 - a. Systemic inflammatory response syndrome. [10]
 - b. Role of ethics in surgery. [10]
 - c. Prognostic and predictive markers. [10]
