

POST GRADUATE EXAMINATION, JUNE - 2021

MS GENERAL SURGERY

(PAPER ONE)

**BASIC PRINCIPLES IN SURGERY; SURGICAL PATHOLOGY AND IMAGING; PERI-OPERATIVE
MANAGEMENT; TRAUMA AND CRITICAL CARE**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Describe the venous drainage of lower limbs and write the clinical application in the development of varicose veins and venous ulcers. **(20)**

Q. 2. What are the criteria for identifying high risk surgical patients and clinical guidelines for the implementation of goal directed therapy in these patients. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Evaluation of trauma patient
- b. Surgical pathology of abdominal tuberculosis
- c. Define systemic inflammatory response syndrome and its sequel and pathogenesis

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Collar stud abscess
- b. Hyperkalemia
- c. Enteral versus parenteral nutrition
- d. Negative pressure wound therapy
- e. Cavitation ultrasonic surgical aspiration

X

POST GRADUATE EXAMINATION, JUNE - 2021

MS GENERAL SURGERY

(PAPER TWO)

SPECIALITIES IN GENERAL SURGERY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Describe the management of a 38 years old pre-menopausal female presenting with a 2 cm hard mobile retro-areolar lump in left breast with no skin involvement and no enlarged axillary lymph nodes. She has a F.N.A.C. report from the referring clinic which shows an infiltrating ductal carcinoma of left breast. **(20)**
- Q. 2.** Discuss the differential diagnosis of lower limb swelling. Mention the relevant investigations to confirm/exclude the common conditions responsible for this. Describe the treatment for Lymphedema. **(20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- a. Management of urethral strictures
 - b. Hirschsprung's disease
 - c. Empyema thoracis
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- a. C.S.F. circulation and illustrate the causes of hydrocephalus
 - b. Clinical features, causes, and treatment of acute limb ischemia
 - c. Basal cell carcinoma
 - d. Congenital hypertrophic pyloric stenosis
 - e. Hodgkin's lymphoma

X

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**MS GENERAL SURGERY
(PAPER THREE)**

GENERAL SURGERY: ABDOMEN

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Classify the esophageal motility disorders. Describe the clinical feature, pathology, etiology, diagnosis of Achlasia Cardia. Discuss the different treatment modalities to treat this condition. **(20)**

Q. 2. Describe the etiology, clinical feature, diagnosis of chronic pancreatitis. Discuss the different treatment modalities in the treatment of this condition. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**
a. Indications and surgeries in Ulcerative colitis
b. Carcinoid tumour
c. Internal haemorrhoids

Q. 4. Write short notes on: **(5 x 6 = 30)**
a. Congenital Diaphragmatic hernia
b. Splenectomy
c. Parks classifications of anal fistula
d. Triangle of Doom
e. Pancreatic pseudo cyst

X

POST GRADUATE EXAMINATION, JUNE - 2021

**MS GENERAL SURGERY
(PAPER FOUR)**

RECENT ADVANCES IN GENERAL SURGERY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Define metabolic surgery. Describe various surgical procedures available for metabolic surgery. (20)
- Q. 2.** Discuss the concept of sentinel lymph node biopsy. Describe the methodology used for performing sentinel lymph node biopsy in a breast cancer patient. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- Targeted therapy for cancer treatment
 - Imaging techniques for small bowel hemorrhage
 - Stem cell therapy for spinal cord injuries
- Q. 4. Write short notes on:** (5 x 6 = 30)
- Single incision laparoscopic surgery (SILS)
 - Indications and contraindications for liver transplant
 - Immunosuppressive therapy for renal transplant recipient
 - Therapeutic options for bone metastasis in cancer prostate
 - Damage control surgery in abdominal trauma

X