

POST GRADUATE EXAMINATION, APRIL/MAY-2022

**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.** Classify the type and degree of surgical hemorrhage and the pathophysiology leading to hypovolemic shock. Discuss the management of hemorrhagic shock. **(20)**
- Q. 2.** Discuss the different parasitic surgical diseases prevalent in our country and its management. **(20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- a. Surgical sutures
 - b. Principles of Diathermy
 - c. Role of Imaging in acute abdomen
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- a. Planning of any surgical skin incision.
 - b. Surgical drains
 - c. WHO surgical safety checklist
 - d. End of life care
 - e. Surgical audit

X

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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 pathophysiology, incidence, clinical features and management of gastrointestinal stromal tumor (GIST) of gastrointestinal tract. **(20)**
- Q. 2.** Describe the etiopathology, clinical features, staging and management of carcinoma of urinary bladder. **(20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- a. Congenital anorectal malformations
 - b. Hyperparathyroidism
 - c. Thoracic outlet syndrome
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- a. Classification of Salivary gland tumors
 - b. Clinical features of chronic limb arterial stenosis
 - c. CEAP (Clinical-Etiology-Anatomy-Pathophysiology) classification for chronic venous disorders
 - d. Lymphangiographic classification of primary lymphoedema
 - e. Maxillo-facial trauma

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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. Describe the classification of etiology, clinical features, approach to diagnosis & different management of surgical jaundice. **(20)**

Q. 2. Describe the rationale and concept of metabolic surgery. Discuss the eligibility, guidelines, multidisciplinary assessment and classification of different procedures and its complications. **(20)**

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

- a. Abdominal & Perineal approaches of Surgery for complete rectal prolapse
- b. Strasberg classification of bile duct injury
- c. Investigations for oesophageal pathologies

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

- a. Hypersplenism
- b. Pancreatic function tests
- c. Pseudo-obstruction
- d. Transanal total mesorectal excision (ta TME)
- e. Classification of gastritis

X

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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. Describe the principles, indications, advantages, technical aspects and future of robotic surgery. **(20)**

Q. 2. Describe the current scenario of all the present organ transplantations. **(20)**

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

- a. Day case surgery
- b. Endoscopic assessment of small bowel
- c. Tissue engineering and regenerative therapies

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

- a. NOTES
- b. eTEP
- c. POEM
- d. Endoscopic mucosal resection (EMR)
- e. Recent advances in interventional radiology

X