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MS General Surgery
SUPPLE EXAMINATION, SEP 2017

Paper First
Basic sciences

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Management of upper airway obstruction. [10]
2. Perioperative management of high risk surgical patient. [10]
3. Malignant lesions of skin. [10]
4. Complications of Blood transfusions. [10]
5. GIST. [10]
6. Renal function test. [10]
7. Surgical anatomy of Anal canal. [10]
8. Tumor Markers. [10]
9. Management of Acute limb Ischemia [10]
10. MLC recording in a case of fire arm injury abdomen. [10]

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MS General Surgery
SUPPLE EXAMINATION, SEP 2017

Paper Second

General Surgery (All Surgical conditions include specialties above diaphragm)

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Describe triple assessment of discrete lump in Breast. [20]
2. Briefly discuss- [15×2=30]
 - a. Frey's syndrome
 - b. Thyroid adenoma
3. Describe management of cervical lymph nodes in oral cancers using current evidence based approach. [20]
4. Write short notes on- [15x2]
 - a. Fast for trauma
 - b. Achalasia Cardia

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MS General Surgery
SUPPLE EXAMINATION, SEP 2017

Paper Third

General Surgery (All Surgical conditions includes specialties below diaphragm)

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Write down the etiopathology, clinical presentations, differential diagnosis, investigation of a case of unilateral hydronephrosis . [5+5+5+5=20]
2. Discuss the following aspects of intraoperative bile duct injury [5×4=20]
 - a. Causes & prevention
 - b. Presentation
 - c. Initial management
 - d. Technique for repair
3. Describe the pathology, clinical features, diagnosis, treatment of carcinoma sigmoid colon. [5+5+5+5=20]
4. Write short notes on- [5×4=20]
 - a. Operations for hydatid cyst of liver
 - b. Surgical anatomy relevant to radical nephrectomy for left renal cell carcinoma
 - c. Local skin flaps
 - d. Role of laparoscopy in acute pancreatitis
5. Please write down in tabulated form, the differentiating clinical features & investigation findings of the following conditions- [5×4=20]
 - a. Cellulitis & necrotizing fasciitis
 - b. Lower limb swelling due to chronic venous insufficiency & lymphedema
 - c. Benign & malignant enlargement of prostate
 - d. Bulbous & membranous rupture of urethra

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MS General Surgery
SUPPLE EXAMINATION, SEP 2017

Paper Fourth

Recent advances in Surgery

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw diagrams wherever necessary.

1. Discuss the current concepts in aetiology, diagnosis & management of Thyroid nodules. [20]
2. Briefly describe the underlying principle in each of the following- [5×4=20]
 - a. Trans- arterial chemoembolization
 - b. Endo-vascular laser ablation for varicose veins
 - c. Robotics in surgery
 - d. Mohs micrographic surgery
3. Briefly describe the recent advances in management of the following-[10×2]
 - a. Laparoscopic Bariatric Surgery
 - b. Hepatocellular carcinoma of liver
4. Write short notes on- [5×4]
 - a. Surgical audit
 - b. Trauma triad of death
 - c. Blood component therapy
 - d. Paradoxical aciduria
- 5.a. Discuss indications, contraindications & the surgical rationale of conservative breast surgery. [10]
- b. Discuss indications, contraindications & the surgical rationale of laparoscopic hernia repair. [10]

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**MS General Surgery
EXAMINATION, MAY 2017**

**Paper First
Basic sciences**

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Management of DVT. [10]
2. What are the causes & management of metabolic acidosis. [10]
3. Discuss MRI in urology. [10]
4. How will you assess & manage Blunt trauma chest. [10]
5. MLC formalities in 60% thermal injury in young married female. [10]
6. Surgical anatomy of spleen [10]
7. Principles of diathermy [10]
8. Perioperative & postoperative care in Minimal Assess Surgery [10]
9. Patient safety strategies & solutions [10]
10. Tissue diagnosis [10]

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**MS General Surgery
EXAMINATION, MAY 2017**

Paper Second

General Surgery (All Surgical conditions include specialties above diaphragm)
Time: Three Hours *[Maximum Marks: 100]*

Note: Attempt all questions.

1. What do you understand by "ANDI" concept of benign breast disease?
Describe management of discrete breast lump in a young girl of age 18. [30]
2. Describe management of a 40 years old man with a painless swelling in parotid region. Answer your question under following points- [20]
 - a. Common causes
 - b. Investigations
 - c. Treatment + Principles
3. Describe management of a 30 years old lady presenting with swelling in thyroid region. [20]
4. Write short notes on- [15x2]
 - a. Primary & secondary survey of an injured victim in a road traffic accident according to ATLS protocol
 - b. Thoracic Inlet Syndrome

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**MS General Surgery
EXAMINATION, MAY 2017**

Paper Third

General Surgery (All Surgical conditions includes specialties below diaphragm)

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. A30 year old man presented with pain in lower abdomen & inability to pass urine following fall from the height. There was a diffuse swelling in lower abdomen. Suggest likely differential diagnosis. Highlight the points in history/Physical examination & investigations which help in diagnosis. Suggest a plan for management for one of the possible diagnosis.
[5+5+5+5=20]
 2. Discuss pathology ,clinical features & diagnosis of carcinoma head of pancreas. Discuss in brief palliative treatment of unresectable painful tumor.
[5+5+5+5=20]
 3. Discuss the etio-pathology, investigation & treatment of venus ulcer. List the complications of varicose veins.
[5+5+5+5=20]
 4. Write short notes on-
[5×4=20]
 - a. Universal precautions against transmission of infection
 - b. Local anaesthesia for inguinal hernia repair
 - c. Mini Gastric bypass
 - d. Technique of non – scalpel surgery
 5. Please write down in tabulated form, the differentiating clinical features & investigation findings of the following conditions-
[5+5+5+5=20]
 - a. Amoebic & pyogenic liver abscess
 - b. Acute peritonitis & acute intestinal obstruction in a patient presenting one week after onset of symptoms
 - c. Torsion testis & acute epididymitis
 - d. Acute pancreatitis & acute cholecystitis
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**MS General Surgery
EXAMINATION, MAY 2017**

Paper Fourth
Recent advances in Surgery

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw diagrams wherever necessary.

1. How different bariatric surgical procedures work? Discuss in detail evolution of safer, more effective & less invasive procedures in this field, enumerating indications, contraindications & possible complications of each procedure? [20]
2. Briefly describe the underlying principle in each of the following- [5×4=20]
 - a. Sentinal lymph node biopsy.
 - b. Critical view of safety in laparoscopic cholecystectomy
 - c. Conservative breast surgery
 - d. Targated therapy in oncology
3. Briefly describe the recent advances in management of the following-[10×2]
 - a. Venous thromboembolism
 - b. Thromboangiitis obliterans
4. Write short notes on- [5×4]
 - a. Endoscopic mucosal resection
 - b. Endoscopic procedures for gastro-esophageal reflux disease
 - c. Evidence based surgery
 - d. Resuscitative thoracotomy
- 5.a. Discuss the risks & limitations of robotics in surgery [10]
- b. Describe current concept in midline closure of abdomen [10]
