

GENERAL SURGERY

PAPER- I

Time : 3 hours
Max. Marks : 100

SURG/D/11/12/I

Attempt all questions in order.
Each question carries 10 marks.

1. Describe TNM staging of oral cancers. How would you manage a 40 years old smoker with T₁N₁M_x carcinoma of lateral border of tongue? 4+6
2. Define chemodectoma. How would you manage a 50 years old lady with right carotid body tumour? 2+8
3. Define critical limb ischemia. Briefly describe the management of a 30 years old diabetic with critically ischemic lower limb. 2+8
4. How would you manage a 25 years old man who started having fever 48 hours after repair of duodenal perforation? 10
5. Briefly describe the management of a 50 years old man with obstructive jaundice due to 6x6 cm carcinoma head of pancreas. 10
6. Enumerate the indications of BCS. Briefly describe the operative and prosthetic options for breast reconstruction after mastectomy. 3+7
7. Define complex anal fistula. How would you manage a 20 years old man with complex anal fistula? 2+8
8. Briefly describe the role of endoscopic ultrasound in gastrointestinal surgery. 10
9. Briefly describe the management of a young soldier with a 3x3cm ulcer just above medial malleolus. 10
10. Define morbid obesity. Briefly describe the merits and demerits of various surgical procedures used in treatment of morbid obesity. 2+8

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PAPER- II

Time : 3 hours
Max. Marks : 100

SURG/D/11/12/II

Attempt all questions in order.
Each question carries 10 marks.

1. How would you preoperatively manage a 30 years old lady with malignant hypertension due to adrenal pheochromocytoma? 10
2. Briefly discuss the various types of prosthesis used in the treatment of abdominal hernias. 10
3. Enumerate the metabolic complications of pyloric stenosis. How would you preoperatively manage a 35 years old man with pyloric obstruction? 4+6
4. Enumerate the clinical features of esophageal perforation. How would you manage a 15 years child with esophageal perforation following dilatation? 3+7
5. Enumerate the complications of acute appendicitis. Briefly describe the management of a 10 years old child with suspected appendicular abscess. 4+6
6. What are universal precautions? Discuss post-exposure prophylaxis? 10
7. Classify intestinal obstruction. How would you manage a 60 years old lady with suspected sigmoid volvulus? 4+6
8. Enumerate the tumours of small bowel. How would you manage a 35 years old lady with suspected carcinoma of terminal ileum? 3+7
9. Briefly describe the principles and role of radio-frequency ablation in surgery. 10
10. Briefly describe the merits and demerits of various methods of bowel preparation in surgical practice. 10

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PAPER- III

Time : 3 hours
Max. Marks : 100

SURG/D/11/12/III

Attempt all questions in order.
Each question carries 10 marks.

1. Enumerate the causes of painless haematuria. How would you manage a 30 years old man with haematuria and a past history of taking treatment for pulmonary tuberculosis? 3+7
2. What is Mirizzi's syndrome? How do you treat a 40 years old lady with type IV Mirizzi's syndrome? 2+8
3. What is non-scalpel vasectomy? Briefly describe the complications of vasectomy. 2+8
4. What are pre-malignant conditions of carcinoma penis? How would you manage a 60 years old man with carcinoma involving distal shaft of penis with inguinal nodal metastasis? 2+8
5. Enumerate the various types of chest wall injuries? How would you manage a 50 years old man with flail chest? 2+8
6. What are the complications of urethral injuries? How would you manage a 16 years old boy with suspected urethral injury? 5+5
7. What are the complications of thyroidectomy? Briefly describe the role of total thyroidectomy in the management of various thyroid disorders? 3+7
8. Enumerate the types of choledochal cyst. How would you manage a 12 years old girl with recurrent attacks of obstructive jaundice? 3+7
9. What are surgical complications of roundworm infestation? Discuss the management of a child with intestinal obstruction due to worms. 3+7
10. Briefly describe the complications of central vein catheterization? 10

GENERAL SURGERY

PAPER- IV

Time : 3 hours
Max. Marks : 100

SURG/D/11/12/IV

Attempt all questions in order.
Each question carries 10 marks.

1. Enumerate the various tumour markers relevant to the surgical practice. Discuss the role of CEA. 4+6
2. Describe the anatomy of mid-palmar space. Briefly describe the principles of management of hand infections. 5+5
3. Describe the anatomy relevant to laparoscopic total extra-peritoneal repair of inguinal hernia. Enumerate the various landmarks to be identified and their importance in laparoscopic hernia repair. 4+6
4. Classify tumours of salivary glands. Describe various surgical procedures and their role in the management of parotid tumours. 4+6
5. Describe the levels of cervical lymph nodes. Enumerate the complications of radical neck dissection. 3+7
6. Briefly describe the various physical methods of sterilization of surgical instruments. 10
7. Classify umbilical fistula. Discuss in brief the investigations and treatment of urachus. 3+7
8. Briefly describe the development of parathyroid glands. Describe the various investigations used to localize the parathyroid adenoma preoperatively. 3+7
9. What are the types of skin grafts? Discuss the role, advantages and disadvantages of partial thickness skin grafts. 4+6
10. What are the metabolic complications of acute renal failure? How would you manage a patient with calculus anuria? 4+6
