

MINIMAL ACCESS SURGERY**THEORY PAPER****Time : 3 hours****Max. Marks : 100****Attempt all questions in order.****Each question carries 10 marks.****Write short notes on:**

1. a) Describe anatomy of the liver. 4+(3+3)
b) Describe two energy sources used in laparoscopic liver resection.
2. a) Describe critical view of safety during Laparoscopic cholecystectomy. 4+6
b) Describe options for management of a Frozen Calot's triangle during Laparoscopic cholecystectomy.
3. a) Anatomy of superior mediastinum. 3+(2+3+2)
b) Indications, steps & complications of Laparoscopic Thymectomy.
4. a) Describe role of Metabolic Surgery in Non-Obese Type-II DM. 5+5
b) Describe management of excessive weight loss after bariatric surgery.
5. a) Describe anatomy of anterior abdominal wall. 3+(2+2+3)
b) Describe types, indication & steps of Laparoscopic anterior component separation for midline ventral hernia.
6. a) TNM staging of carcinoma stomach. 4+6
b) Describe current scenario of laparoscopic D2 gastrectomy.
7. a) Describe undescended testis. 3+(5+2)
b) Steps of Laparoscopic orchidopexy & its complications.
8. Describe indications, steps & outcomes of Trans anal minimally invasive surgery (TAMIS). 3+4+3
9. a) Classify Meshes used in laparoscopic hernia surgery. 4+2+4
b) Enumerate the precautions taken while using intraperitoneal mesh.
c) Complications after using a mesh in laparoscopic hernia surgery.
10. a) Role of 3-D Laparoscopy in clinical practice. 5+5
b) Robotic neck dissection.
