

**MINIMAL ACCESS SURGERY**

**THEORY PAPER**

**Time : 3 hours**

**Max. Marks : 100**

**Attempt all questions in order.**

**Each question carries 10 marks.**

1. Briefly describe complications following laparoscopic Roux-en-Y gastric bypass surgery. Discuss the role of imaging in diagnosis and management of these complications. 3+7
2. Discuss the role of laparoscopic surgery in the management of inflammatory bowel disease. 10
3. Describe the indications of diagnostic laparoscopy in the management of GI malignancies. 10
4. Describe preoperative evaluation for laparoscopic surgery in:  
a) Patients with previous abdominal surgery 5  
b) Pregnant patients. 5
5. Describe in short the indications, operative setup, special equipment and complications of laparoscopic hepatic surgery. 2+2+3+3
6. Discuss the causes and prevention of laparoscopic bile duct injuries. 4+6
7. Discuss the principles of specimen removal in laparoscopic surgery. 10
8. Describe the role of minimal access surgery in management of non-neoplastic pancreatic diseases. 10
9. Describe the indications, steps of procedure and complications of right-sided Retroperitoneal Lymph Node Dissection (RPLND) done laparoscopically. 3+3+4
10. Write short notes on: 5+5  
a) Ergonomics in laparoscopic surgery.  
b) Peritoneal changes due to laparoscopic surgery.

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