

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 the various types of extra corporeal knots used in laparoscopic surgery using suitable illustrations. 6+4
b) Elaborate on the principle of 'C' and 'Reverse C' in laparoscopic suturing.
2. a) Discuss the various precautions that you will take while performing laparoscopic surgery during the Novel Coronavirus pandemic. 5+5
b) Describe the various methods of gaining access to peritoneal cavity for laparoscopic surgery.
3. a) Classify the meshes used for laparoscopic ventral hernia repair. 4+6
b) Describe briefly the newer techniques of laparoscopic ventral hernia repair.
4. a) Discuss the advantages and disadvantages of surgical robot vis a vis traditional laparoscopic surgery. 5+5
b) Describe briefly the different methods of sterilization used for laparoscopic instruments and devices.
5. a) Discuss the different treatment options for pseudocyst of the pancreas? 4+3+3
b) Describe the technique of Laparoscopic cystogastrostomy and its complications.
6. a) What are the causes of post cholecystectomy Biloma? 3+3+4
b) Describe the diagnosis and management of this condition.
7. a) Pathology of carcinoma rectum. 4+6
b) Laparoscopic management of poorly differentiated carcinoma of lower third of the rectum.
8. a) Describe One Anastomosis gastric bypass/Mini gastric bypass, its advantages and disadvantages in the Indian scenario. 5+5
b) Describe the various types of imaging systems used in minimal access surgery.
9. a) What are the indications for endoscopic thyroidectomy? 3+3+4
b) Discuss the different techniques, advantages and disadvantages of this procedure.
10. a) Third space endoscopy. 5+5
b) Describe role of laparoscopy in abdominal trauma.
