

Time: Three Hours**Max. Marks: 100 Marks****MINIMAL INVASIVE SURGERY (SURGICAL) - PAPER – II****QP Code: 4164**

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions**10 X 10 = 100 Marks**

1. Mention various energy sources used in laparoscopic surgery. Enumerate complications from the use of electrosurgery in Laparoscopy. Write in brief about Ligasure system.
2. What are the predictors of difficult laparoscopic cholecystectomy? Mention the various strategies to avoid Bile duct injury. List the common reasons for conversion to open surgery in laparoscopic cholecystectomy.
3. Port placement in Laparoscopic Adrenalectomy and Donor Nephrectomy
4. Surgical techniques of TEP (Totally Extra – Peritoneal Hernia Repair)
5. Port site tumours
6. Physiological changes in Pneumoperitoneum
7. Complications of Laparoscopic Roux-en-y gastric bypass in Morbid obesity
8. Advantages of Robotic surgery over traditional Laparoscopic surgery
9. Anatomy of Anterior Abdominal Wall.
10. Paediatric Laparoscopic surgical procedures.

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