

[Time: 3 Hours]**[Max. Marks: 100]****MINIMAL INVASIVE SURGERY (SURGICAL) - PAPER – I****QP Code: 4163**

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. Enumerate types of Hiatus Hernia. Outline the steps of laparoscopic Nissen fundoplication
2. Describe Calot's triangle. What are the strategies to perform "Safe" laparoscopic Cholecystectomy?
3. Advantages and disadvantages of SILS
4. Uses of Indocyanine green in laparoscopic surgeries
5. Outline steps of laparoscopic splenectomy
6. Meshes used in laparoscopic hernia repair
7. Energy sources in laparoscopic surgeries
8. What is VATS? Indications and complications of VATS
9. Outline port placement and the steps of laparoscopic appendectomy
10. Surgical considerations during laparoscopy in pregnancy

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