

**FELLOWSHIP IN MINIMAL ACCESS SURGERY**  
**FELLOWSHIP IN MINIMAL ACCESS SURGERY : SUMMER : 2022**  
**SUBJECT: PAPER-I**

Day : Wednesday  
Date 27-Apr-2022

S-20514-2022

Time : 10:00 AM-01:00 PM  
Max. Marks: 100

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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|-------------|--|-------------|
| <b>Q.1</b>  | Discuss various ergonomics principles to be followed during laparoscopy for better outcome.          | <b>(10)</b> |
| <b>Q.2</b>  | Write a short note on: VATS (video assisted thoracoscopy surgery)                                    | <b>(10)</b> |
| <b>Q.3</b>  | Discuss the optical system used in laparoscopy along with special note on recent advances in optics. | <b>(10)</b> |
| <b>Q.4</b>  | Sterilization of laparoscopic instruments.   | <b>(10)</b> |
| <b>Q.5</b>  | Describe various staplers and its uses in laparoscopy.   | <b>(10)</b> |
| <b>Q.6</b>  | Describe various complications of diathermy in laparoscopy.  | <b>(10)</b> |
| <b>Q.7</b>  | Write a short note on: Tele-surgery.   | <b>(10)</b> |
| <b>Q.8</b>  | Evidence based guidelines for laparoscopy in case of malignancy.                                     | <b>(10)</b> |
| <b>Q.9</b>  | Evidence based guidelines for laparoscopy during pregnancy.  | <b>(10)</b> |
| <b>Q.10</b> | Describe possible complications during access in laparoscopy.  | <b>(10)</b> |

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