

**GENITO URINARY SURGERY (UROLOGY)**

**PAPER – III**

GUS/D/17/13/III

Time : 3 hours  
Max. Marks :100

**Important instructions:**

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all the parts of a single question together.*
- *Start the question to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

- |   |     |
|---|-----|
| 1. What are CAR-T cells? How are they used in treatment of cancers?   | 6+4 |
| 2. What is Optical Coherence Tomography? How is it used in urology?   | 6+4 |
| 3. What are the techniques of using MRI in performing prostate biopsies?  | 10  |
| 4. Stampede trial: Summarize its design and main findings.  | 4+6 |
| 5. What are the various nephrometry scoring system for partial nephrectomy? Discuss RENAL nephrometry scoring system. | 4+6 |
| 6. Discuss the technique and advantages of Retzius-Sparing radical prostatectomy.                                     | 10  |
| 7. Discuss the protocol of immuno-suppressions in live related renal transplantation.                                 | 10  |
| 8. What are m-RNAs? What is their role in urology?  | 5+5 |
| 9. Provide an algorithm for evaluation of an adrenal mass   | 10  |
| 10. Unconsummated marriage (UCM) - evaluation and management.   | 5+5 |

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