

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:

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| 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 |
