

**GENITOURINARY SURGERY (UROLOGY)**

PAPER – II

GUS/J/16/13/II

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 answer 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. a) Enumerate the causes of obstructive uropathy. 2+(4+4)  
b) Evaluation and treatment of patients with obstructive uropathy.
2. a) Enumerate the different types of fusion anomaly of kidney with diagrammatic representation of any two. 5+5  
b) Management of staghorn calculus in horseshoe kidney.
3. Classification, pathophysiology and management of PUV. 3+3+4
4. a) Enumerate minimally invasive treatment options for BPH. 3+3+4  
b) Prostatic artery embolization - Technique.  
c) Compare monopolar vs bipolar TURP.
5. Principles, technique and indications of renal cryosurgery. 2+5+3
6. a) Define swap renal transplantation. 1+(2+3+2+2)  
b) Indications, technique, precondition and outcome of swap renal transplantation.
7. a) Lymphatic spread of testicular germ cell tumour. 5+5  
b) Role of RPLND in testicular tumour.
8. Evaluation and management of renal trauma in a 9 year old child. 5+5
9. Technique, results and complications of orthotopic bladder substitute. 5+2+3
10. a) Enumerate various hemostatic agents and tissue glues used in Urology. 3+7  
b) Techniques to obtain hemostasis during laparoscopic partial nephrectomy.

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