

**GENITO URINARY SURGERY (UROLOGY)****PAPER-I**

Time: 3 hours

GUS/J/19/13/I

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. Describe embryology of urachus, mention its various anomalies and briefly outline their management. 3+2+5
2. What are the urological and non-urological anomalies associated with Prune-Belly syndrome? Briefly outline the management of the urological anomalies. (2+2)+6
3. Outline management of foetal hydronephrosis. Mention indications for foetal intervention indicating outcome of such interventions. 6+4
4. Anatomy of vesico-ureteral junction indicating its surgical importance. Describe and illustrate various grades of vesico-ureteral reflux along with schematic diagrams. 5+5
5. Post prostatectomy urinary incontinence: Etiological factors and outline of management. 4+6
6. Furosemide: Elaborate on its mode of action. Specify its uses in Urology along with dosage. 4+6
7. Emphysematous pyelonephritis – risk factors, diagnosis, outline of management and prognostic markers. 2+3+3+2
8. Antimicrobial prophylaxis in elective urological surgery: Concept, importance, recommendations and outcome. 3+2+3+2
9. Evaluation for voiding dysfunction in a prospective renal transplant recipient and its importance. 7+3
10. Describe the predictive factors for stone fragmentation & clearance following Shockwave Lithotripsy treatment of renal stones. Explain their respective importance. 5+5

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