

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:

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| 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 |
