

Q P Code: 101510

Reg. No.:.....

**M.Ch. Urology (old name Genito Urinary Surgery) Degree
Regular/Supplementary Examinations April 2025**

Paper I – Basic Sciences

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Embryology and anatomy of the vesicoureteric junction and explain the pathophysiology of vesicoureteric reflux and its evaluation.

Short essays: (8x10=80)

2. Normal vascular anatomy of the kidneys and its variations.
3. Renin – angiotensin system.
4. Pathological changes in tuberculous kidney.
5. Surgical anatomy of testis and different histologic findings in testicular biopsy.
6. Trans rectal ultrasound of the prostate – radiological aspects and interpretive findings.
7. MRI in carcinoma bladder – findings and advantages.
8. Blood supply of prostate and its surgical significance.
9. Trace the radiologic course of normal ureter and explain the pathology involved in pelvi ureteric junction obstruction.
