

**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.

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