

**Q P Code: 101510**

**Reg. No.:.....**

**M.Ch. (Genito Urinary Surgery) Degree Supplementary Examinations  
February 2023**

**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. Discuss Renin Angiotensin Aldosterone system

**Short essays: (8x10=80)**

2. Physiology of penile erection
3. Neural control of lower urinary tract and its role in voiding dysfunction
4. Cell interactions in nephrogenesis
5. Pathway of oxalate metabolism in lithogenesis
6. Anatomy of neurovascular bundle of prostate and its clinical implications
7. Molecular basis of sexual dimorphism in genital development
8. Functional neuroanatomy of micturition
9. Pelvic supports in female and their relevance in continence mechanism

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