

**GENITO URINARY SURGERY**  
**PAPER-I**

Time: 3 hours  
Max. Marks: 100

GUS/D/19/13/I

**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 anatomy in exstrophy-epispadias complex. 5+5  
Discuss surgical options in an adult.
2. Goldblatt experimental model for single kidney one clip and two 5+5  
kidneys one clip renovascular hypertension.
3. Etiology, clinical features, diagnosis and treatment of 2+2+3+3  
Xanthogranuloma pyelonephritis.
4. a) Principles of shock-wave lithotripsy. 5+5  
b) Management of Steinstrasse.
5. a) Application of Laplace law for use of bowel in Urology. 4+3+3  
b) Discuss metabolic complications and management of ileal  
neobladder.
6. Discuss mechanism, evaluation and treatment of priapism in sickle 2+4+4  
cell disease.
7. Factors affecting upper tract changes after acute spinal cord injury at 4+6  
T11 level. Discuss goal directed management.
8. Define resistive index. Discuss importance of power Doppler 3+7  
ultrasound for graft dysfunction after renal transplantation.
9. Mechanism of action and clinical use of Sildenafil. 5+5
10. a) Physiology of post-obstructive diuresis. 4+(3+3)  
b) Principles of prevention and treatment of post-obstructive  
diuresis.

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