

**GENERAL SURGERY**

PAPER-IV

TIME: 3 HOURS  
MAX. MARKS: 100

SURG/J/18/12/IV

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part "A" and part "B", each part containing 5 questions.
- Answers to questions of part A and part B are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets of Part A and Part B are not to be tagged together.
- Part A and Part B should be mentioned only on the covering page of the respective answer sheets.
- 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:

**PART A**

1. a) Etio-pathology of urinary stone formation. 5+5  
b) Management of a 1cm calculus in renal pelvis with hydronephrosis.
2. a) Enumerate causes of haematuria. 2+3+5  
b) Investigation algorithm in a 55-year-old man presenting with painless haematuria.  
c) Management of a patient with stage Ta carcinoma of urinary bladder.
3. a) Premalignant conditions for penile cancer. 3+7  
b) Management of a 60-year-old man with 1 cm squamous cell carcinoma of glans extending to distal shaft.
4. a) Classification and management of hydrocele. 5+5  
b) Clinical features and management of undescended testis.
5. a) Investigation and management of urethral stricture. 5+5  
b) Clinical features and management of Fournier's gangrene.

**GENERAL SURGERY**

PAPER-IV

**Please read carefully the important instructions mentioned on Page '1'**

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

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|--|-----|
| 6. a) Immunosuppressive agents used after renal transplant.  | 5+5 |
| b) Types of rejection after renal transplant, and their management.  |     |
| 7. a) Surgical anatomy of prostate and its significance with various prostatic diseases.                                 | 5+5 |
| b) Technique of TaTME (trans anal total mesocolic excision) for rectal cancer.   |     |
| 8. a) Oncoplastic breast surgery.  | 5+5 |
| b) Principles of PET scan, and limitations of PET scan.  |     |
| 9. a) Advantages and disadvantages of robotic surgery.   | 5+5 |
| b) King's College criteria for orthotopic liver transplantation in acute liver failure.                                  |     |
| 10. a) Different types of flaps.   | 4+6 |
| b) How will you provide cover after resection of hemi-mandible and overlying skin and mucosa for gingival sulcus tumour? |     |

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