

**GENERAL SURGERY**  
**PAPER-IV**

TIME: 3 HOURS  
MAX. MARKS: 100

SURG/D/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. Causes, clinical features, diagnostic work-up, management and complications of closed renal trauma. 2x5
2. Write about the pathological basis of different types of graft rejection following organ transplantation. Discuss the role of immunosuppression with various options in such cases. 5+5
3. Etiopathology and various treatment options for renal pelvic calculus. 4+6
4. a) FDG-PET: Usage and limitations in oncologic imaging. 5+5  
b) Color Doppler: Role in vascular surgery.
5. Classification, staging and management of seminoma testis. 3+3+4

P.T.O.