

UROLOGY

PAPER-II

Time: 3 hours

URO/D/20/13/II

Max. Marks:100

Important Instructions:

- **You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.**
- **Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.**
- **No additional supplementary answer sheet booklet will be provided.**
- 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. What is stuttering priapism? Describe the surgical options in the management of ischemic priapism. 2+8
2. Describe the histological classification of testicular germ cell tumors. What are the indications of testis-sparing surgery in a patient with testicular neoplasm? What are the indications of contralateral testis biopsy in the same context? 4+3+3
3. What are the treatment options for treatment of clinical stage I Non-seminoma germ cell tumor? What are their rationale? What are their advantages and disadvantages? 3+3+4
4. What is the role of Human Papilloma Virus infection in cancer penis? What are the prevention strategies? 4+6
5. What are the indications of renal imaging in a patient with renal injury? What are findings on CT scan that raise suspicion of major renal injury? What is the role of angioembolization in renal trauma? 3+3+4
6. What are different zones of adrenal gland cortex? What is the role of each zone? What are the primary effects and site of action of mineralocorticoids? 2+4+4
7. What is the rationale of mid-urethral slings and pubovaginal slings in women with stress-urinary incontinence? What are different types of mid-urethral sling procedures? 6+4
8. What is the mechanism of action of intravesical BCG in bladder cancer? What are its indications? What are the complications of intravesical BCG? 4+2+4
9. Describe the complications of benign prostatic hyperplasia (BPH). What are the indications of pressure-flow study in a man with BPH? 5+5
10. What are the causes of chronic orchalgia? How do you manage a patient with idiopathic orchalgia? 3+7
