

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

GENITO URINARY SURGERY (UROLOGY)

PAPER – I

GUS/D/16/13/I

Time : 3 hours

Max. Marks : 100

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. Embryology, anatomy and anomalies of left renal vein. 3+4+3
2. Pathogenesis, presentation, diagnosis and management of adrenal myelolipoma. 2+3+2+3
3. Indications, technique and complications of retrograde urethrography. 3+4+3
4. a) Endocrine functions of kidney. 5+5
b) Pathogenesis of renal osteodystrophy.
5. a) What are xanthine oxidase inhibitors? 4+6
b) Indications of xanthine oxidase inhibitors in Urology and their side effects.
6. Define bacterial resistance. How is it mediated? 2+8
7. a) Continence mechanisms in males. 4+6
b) Outline the management of post prostatectomy incontinence.
8. Unpaired and paired 't' test. 5+5
9. Evaluation and management of varicocele in a 45 year old man. 5+5
10. Clinical and laboratory findings, and management of Sertoli cell only syndrome (Germinal cell aplasia). 3+3+4
