

FINAL EXAM
 DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

GENITO URINARY SURGERY
PAPER – I

GUS/D/15/13/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.	Various optical imaging techniques in high grade bladder cancer.	10
2.	Surgical anatomy of the adrenal glands and clinical indications for adrenalectomy.	5+5
3.	Surgical anatomy of the prostate gland as relevant to open radical prostatectomy.	10
4.	Pre-ureteral venacava: a) Anatomy. b) Embrology. c) Clinical presentation. d) Indications for intervention.	3+3+2+2
5.	Various modes of ultrasound as are applicable to the urological practice.	10
6.	Intrinsic and extrinsic apoptotic pathways.	5+5
7.	Salient features of the flank and anterior approaches to the kidney.	5+5
8.	Renal tubular acidosis: a) Tabular overview of types. b) Principles of management.	6+4
9.	What is Bacterial resistance? How is it mediated?	10
10.	Mention the surgical and medical causes of Proteinuria? How would you evaluate a case of proteinuria?	5+5
