

# National Board of Examinations

**Question Paper Name :** DrNB Urology Paper1

**Is this Group for Examiner? :** No

**Enable Mark as Answered Mark for Review and Clear Response :** Yes

**Question Number : 1 Question Type : SUBJECTIVE**

- a) Describe the development and ascent of kidney. [2]
- b) Describe pathophysiology of antenatal hydronephrosis. [3]
- c) Describe Society for Foetal Urology Grading system, its merits and demerits. [5]

**Question Number : 2 Question Type : SUBJECTIVE**

- a) Describe the embryological development of penis. [5]
- b) Its blood supply and applied anatomy of prepuccial island flap. [5]

**Question Number : 3 Question Type : SUBJECTIVE**

- a) Describe the physiology of micturition. [5]
- b) Nocturia and its management. [2+3]

**Question Number : 4 Question Type : SUBJECTIVE**

Deep vein thrombosis after pelvic surgery:

- a) Pathogenesis. [4]
- b) Risk factors and, [3]
- c) Prevention. [3]

**Question Number : 5 Question Type : SUBJECTIVE**

Overactive bladder:

- a) Pathophysiology. [3]
- b) Diagnosis. [3]
- c) Non-surgical management. [4]

**Question Number : 6 Question Type : SUBJECTIVE**

- a) Management of post radical proctectomy incontinence. [5]
- b) Pharmacokinetics of mirabegron, uses and side effects. [3]
- c) European-Australian phase 3 trial on mirabegron. [2]

**Question Number : 7 Question Type : SUBJECTIVE**

Define CAUTI and catheter associated bacteruria. Enumerate various methods of preventing CAUTI. Briefly describe the management of bacteriuria and UTI in pregnancy. [3+2+5]

**Question Number : 8 Question Type : SUBJECTIVE**

- a) Describe various indications of intravesical BCG therapy and its schedule. [4]
- b) Discuss the toxicities of intravesical BCG therapy. [6]

**Question Number : 9 Question Type : SUBJECTIVE**

What are the zones of adrenal cortex? What are the hormones produced by each zone? Describe the renin-angioensin-aldosterone-system. [2+4+4]

**Question Number : 10 Question Type : SUBJECTIVE**

- a) Risk factors for calcium renal stones. [4]
- b) Investigations in a case suspected to have primary hyperparathyroidism. [4]
- c) Management of hyperuricosuria. [2]