

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Urology Paper1
<b>Subject Name :</b>	DrNB Urology Paper1
<b>Creation Date :</b>	2023-04-25 11:44:40
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<b>Actual Answer Key :</b>	No

## DrNB Urology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	327187714
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Urology Paper1

<b>Section Id :</b>	327187717
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187721
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718720893 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

1. a) Discuss the etiopathogenesis and classification of emphysematous pyelonephritis. [5]
- b) How would you manage a case of right sided emphysematous pyelonephritis in a 50 year old hypertensive, diabetic man with a upper ureteric calculi who presents with urosepsis? [5]

**Question Number : 2 Question Id : 32718720894 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Classify contrast media in imaging. [4]
- b) How one selects the type and dosing of contrast? [3]
- c) Define contrast nephropathy and its management. [3]

**Question Number : 3 Question Id : 32718720895 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Define vesicoureteric reflux, its etiopathogenesis and classification. [5]
- b) Discuss the management strategy in a five year old male child with grade 5 VU reflux on right side and grade 2 reflux on left side of kidneys. [5]

**Question Number : 4 Question Id : 32718720896 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Discuss the anatomical basis of male continence mechanism. [3]
- b) What is the role of pelvic floor muscles? [2]
- c) What are the methods to preserve and improve continence post radical prostatectomy? [5]

**Question Number : 5 Question Id : 32718720897 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Describe the urine concentrating mechanism in the kidney. [4]
- b) What is the pathophysiology of post obstructive diuresis and discuss its management? [3+3]

**Question Number : 6 Question Id : 32718720898 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Describe the vascular anatomy and anomalies in Horse Shoe Kidney in relation to the endourological surgeries and interventions. [5]
- b) Describe the physics behind: MOSES technology and Thulium Laser Fibre. [5]

**Question Number : 7 Question Id : 32718720899 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Clinical features of Adult Dominant Polycystic Kidney Disease. [4]
- b) Genetic defects leading to ADPKD. [3]
- c) Discuss pre-marital genetic counselling for an individual with known autosomal dominant polycystic kidney disease. [3]

**Question Number : 8 Question Id : 32718720900 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Possible types of neurogenic bladder in patients with spinal cord injuries. [3]
- b) Management principles in each type. [3]
- c) Autonomic dysreflexia and its management. [4]

**Question Number : 9 Question Id : 32718720901 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Discuss the surgical anatomy of the penis and describe its neurovascular supply. [3+2]
- b) A-52-year man has undergone a partial penectomy. His groin is clinically negative. Discuss the management if the histopathology shows G3T2 squamous cell carcinoma. [5]

**Question Number : 10 Question Id : 32718720902 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) What are various causes of ATN? [4]
- b) Clinical features of ATN and principles of management. [3+3]