

National Board of Examinations

Question Paper Name :	DrNB Urology Paper1
Subject Name :	DrNB Urology Paper1
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DrNB Urology Paper1

Group Number :	1
Group Id :	3271871350
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Urology Paper1

Section Id :	3271871353
Section Number :	1
Section type :	Offline

Mandatory or Optional : Mandatory

Number of Questions to be attempted : 10

Section Marks : 100

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

Maximum Instruction Time : 0

Sub-Section Number : 1

Sub-Section Id : 3271871357

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718712552 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Discuss Antibiotic stewardship in Urology. [5]
- b) Recommended surgical prophylaxis for office cystoscopy and prostate biopsy procedures. [5]

Question Number : 2 Question Id : 32718712553 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) Enumerate Urodynamic tests that can be used to assess bladder outflow obstruction. [5]
- b) Discuss differences between pressure-flow relation in males versus females. [5]

Question Number : 3 Question Id : 32718712554 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 briefly various study designs used for clinical studies. [5]
- b) Discuss ways to avoid bias in a clinical study. [5]

Question Number : 4 Question Id : 32718712555 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) Pathophysiology of post-obstructive diuresis. [5]
- b) Management of post-obstructive diuresis with special emphasis on fluid management. [5]

Question Number : 5 Question Id : 32718712556 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) Indications for use of antimuscarinic drugs in Urology. [3]
- b) Which type of muscarinic receptors predominate in human urinary bladder and which are most relevant? [2]
- c) Side effects of anti-muscarinics and contemporary alternatives with efficacy and tolerance. [5]

Question Number : 6 Question Id : 32718712557 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 briefly techniques of sperm retrieval for IVF with their indications. [8]
- b) Indications for sperm banking and procedures. [2]

Question Number : 7 Question Id : 32718712558 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) Illustrate anatomy of the Femoral triangle in relation to inguinal lymph node dissection. [4]
- b) Enumerate indications for adjuvant chemotherapy after ilio-inguinal lymph node dissection. [3]
- c) Dynamic sentinel lymph node biopsy in penile cancer. [3]

Question Number : 8 Question Id : 32718712559 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) Risk stratification for NMIBC. [4]
- b) Quantify risk of recurrence and progression after TURBT in different risk groups. [2]
- c) Strategies used to reduce risk of recurrence after TURBT. [4]

Question Number : 9 Question Id : 32718712560 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 briefly possible mechanisms for castration-resistance in prostate cancer. [6]
- b) Enumerate newer 3rd generation anti-androgens and their role in CRPC. [4]

Question Number : 10 Question Id : 32718712561 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) Evaluation of a 23-year male with mid-penile hypospadias. [5]
- b) Surgical options for correction of mid-penile hypospadias with chordee. [5]