

National Board of Examinations

Question Paper Name :	DrNB Nephrology Paper1
Subject Name :	DrNB Nephrology Paper1
Creation Date :	2022-12-22 22:33:58
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Nephrology Paper1

Group Number :	1
Group Id :	3271871328
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 Nephrology Paper1

Section Id :	3271871331
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 : 3271871335

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718712332 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) Endpoints for glomerular diseases in clinical trials. [6]
- b) Primary endpoints for renal outcomes in Stop-IgAN trial and the TESTING trial. [4]

Question Number : 2 Question Id : 32718712333 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) Renal auto-regulation. [5]
- b) Pathogenesis of AKI in sepsis. [5]

Question Number : 3 Question Id : 32718712334 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) Renal handling of Magnesium. [6]
- b) Causes of hypomagnesia. [4]

Question Number : 4 Question Id : 32718712335 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) Structure of Nephron. [5]
- b) Concentration & dilution mechanism of urine. [5]

Question Number : 5 Question Id : 32718712336 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) Causes of Metabolic alkalosis. [4]
- b) Approach to management of saline resistant metabolic alkalosis. [6]

Question Number : 6 Question Id : 32718712337 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) Neural supply to urinary bladder. [4]
- b) Process and control of micturition. [6]

Question Number : 7 Question Id : 32718712338 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) Different group of diuretic agents. [5]
- b) Management of diuretic resistance. [5]

Question Number : 8 Question Id : 32718712339 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) Pathways of T-cell activation. [5]
- b) Role of co-stimulatory pathway blockage in renal transplant. [5]

Question Number : 9 Question Id : 32718712340 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) Classification of small vessel vasculitis. [5]
- b) Pathogenesis of ANCA associated vasculitis. [5]

Question Number : 10 Question Id : 32718712341 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) Components of Glomerular filtration barrier. [3]
- b) Physical characteristic of each component. [7]