

National Board of Examinations

Question Paper Name :	DrNB Nephrology Paper1
Subject Name :	DrNB Nephrology Paper1
Creation Date :	2023-04-25 11:44:52
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Nephrology Paper1

Group Number :	1
Group Id :	327187744
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 :	327187747
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 :	327187751
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718720913 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 different fluid components of body and pathophysiology of edema. [5]
- b) Classify diuretics. [2]
- c) Management of diuretic resistance. [3]

Question Number : 2 Question Id : 32718720914 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 renal cystic disease. [3]
- b) Pathogenesis of cysts in Adult Polycystic Kidney Disease (ADPKD). [4]
- c) Role of genetic testing in diagnosis of cystic diseases of the kidney. [3]

Question Number : 3 Question Id : 32718720915 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 physiology of Renin Angiotensin Aldosterone axis system. [5]
- b) Enumerate the differences in action of Angiotensin Converting Enzyme Inhibitors, Angiotensin Receptor Blockers and Aldosterone receptor blockers. [5]

Question Number : 4 Question Id : 32718720916 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 renal handling of potassium. [4]
- b) Discuss all genetic disorders related to defective potassium metabolism and their management. [6]

Question Number : 5 Question Id : 32718720917 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 CAKUT. [6]
- b) Discuss evaluation of lower urinary tract prior to renal transplantation. [4]

Question Number : 6 Question Id : 32718720918 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 anion gap. [2]
- b) Discuss causes of high anion gap metabolic acidosis. [3]
- c) Benefits of bicarbonate therapy in chronic kidney disease. [5]

Question Number : 7 Question Id : 32718720919 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) Elaborate on pathophysiology of ischemic acute kidney injury. [4]
- b) Discuss the evidences based differences between all modalities of Renal Replacement Therapy (RRT) in acute kidney injury. [6]

Question Number : 8 Question Id : 32718720920 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 the determinants of glomerular filtration rate? [5]
- b) Enumerate the formulae used to calculate glomerular filtration rate. [2]
- c) Discuss the advantages and disadvantages of these formulae. [3]

Question Number : 9 Question Id : 32718720921 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) Elaborate on the role of Electron Microscopy in the diagnosis of renal diseases. [6]
- b) Discuss pathology of Alport's syndrome and thin basement membrane disease. [4]

Question Number : 10 Question Id : 32718720922 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) Elaborate on the key steps in the embryological development of the kidney. [4]
- b) Enumerate the various congenital malformations involving the kidney. [3]
- c) Management approach of each congenital malformation. [3]