

National Board of Examinations

Question Paper Name :	DrNB Nephrology Paper1
Subject Name :	DrNB Nephrology Paper1
Creation Date :	2024-05-15 21:34:06
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Nephrology Paper1

Group Number :	1
Group Id :	3271871986
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 :	3271871989
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 :	3271871993
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718726003 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 about Complete urine analysis. [7]
- b) Discuss about procedure of renal biopsy, handling and transport of specimen. [3]

Question Number : 2 Question Id : 32718726004 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) Role of Klotho in health & disease. [5]
- b) Role of magnesium in vascular calcification. [5]

Question Number : 3 Question Id : 32718726005 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) Role of complement cascade in glomerular diseases. [5]
- b) Complement inhibitory drugs in glomerular diseases. [5]

Question Number : 4 Question Id : 32718726006 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

In clinical trials:

- a) Describe various blinding strategies. [5]
- b) Intention to treat versus per protocol analysis. [5]

Question Number : 5 Question Id : 32718726007 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) Draw the structure of renal podocyte & slit diaphragm. [5]
- b) Discuss briefly the podocyte injury & repair mechanism. [5]

Question Number : 6 Question Id : 32718726008 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 physiological changes in pregnancy. [4]
- b) Management of chronic kidney disease during pregnancy. [6]

Question Number : 7 Question Id : 32718726009 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) Strong ion difference. [5]
- b) Outline its clinical application. [5]

Question Number : 8 Question Id : 32718726010 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss briefly, concept of:

- a) Free water clearance. [5]
- b) Transtubular potassium gradient. [5]

Question Number : 9 Question Id : 32718726011 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) Stains use in assessment of kidney biopsy. [4]
- b) Highlight their application & importance. [6]

Question Number : 10 Question Id : 32718726012 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Structure & function of renal interstitium. [4+6]