

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Nephrology Paper3
<b>Subject Name :</b>	DrNB Nephrology Paper3
<b>Creation Date :</b>	2023-04-26 22:40:35
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Nephrology Paper3

<b>Group Number :</b>	1
<b>Group Id :</b>	327187746
<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 Nephrology Paper3

<b>Section Id :</b>	327187749
<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>	327187753
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 3271876542 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 antigens implicated in the pathogenesis of membranous nephropathy. [3]
- b) What are different risk stratification strategies and their clinical importance? [3]
- c) Elaborate on the recent trials in the treatment of membranous nephropathy. [4]

**Question Number : 2 Question Id : 3271876543 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 about THOTA [5]
- b) Elaborate on maintenance of brain dead donor. [3]

c) Define competent authority, authorisation committee, near relative and appropriate authority. [2]

**Question Number : 3 Question Id : 3271876544 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 methods to increase the kidney donor pool? [5]
- b) Implications of renal donation on the donor. [3]
- c) How will you follow up a living kidney donor? [2]

**Question Number : 4 Question Id : 3271876545 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) Disadvantages of currently available peritoneal dialysis fluids. [3]
- b) Discuss newer peritoneal dialysis fluids. [4]
- c) Discuss briefly on studies looking at use of newer peritoneal dialysis fluids. [3]

**Question Number : 5 Question Id : 3271876546 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) Newer innovations in vascular access for hemodialysis. [6]
- b) Discuss wearable artificial kidney. [4]

**Question Number : 6 Question Id : 3271876547 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 pathophysiology of preeclampsia. [4]
- b) Discuss approach to a primigravida in 32<sup>nd</sup> week of gestation presenting with severe renal insufficiency. [4]
- c) Biomarkers in preeclampsia. [2]

**Question Number : 7 Question Id : 3271876548 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 factors that cause HLA sensitisation in patients waiting for renal transplantation? [3]
- b) What are the methods available to detect/identify HLA sensitisation? [3]
- c) What are the protocols available for desensitizing patients awaiting renal transplantation? [4]

**Question Number : 8 Question Id : 3271876549 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 is cell free DNA? [4]
- b) Role of donor derived cell free DNA in renal transplantation. [6]

**Question Number : 9 Question Id : 3271876550 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) Pathogenesis and clinical features of non albuminuric kidney disease. [3+2]
- b) Elaborate on nephroprotective drugs in the management of diabetic kidney disease. [5]

**Question Number : 10 Question Id : 3271876551 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 details of pathogenesis of renal anaemia. [5]

b) Treatment of anemia using hypoxia inducible factor - prolyl hydroxylase inhibitors - mechanisms and evidence from recent trials. [5]