

National Board of Examinations

Question Paper Name : DrNB Nephrology Paper1
Subject Name : DrNB Nephrology Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740374 Consider As Subjective : Yes

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

- a) How do you test for normality? [3]
- b) Describe parametric and non-parametric tests. [7]

Question Number : 2 Question Id : 32718740375 Consider As Subjective : Yes

- a) Write about genetics of nephrotic syndrome. [5]
- b) Discuss the role of genetic analysis by next generation sequencing in nephrotic syndrome. [5]

Question Number : 3 Question Id : 32718740376 Consider As Subjective : Yes

- a) What is CAKUT? [2]
- b) Enumerate causes of kidney failure in children. [3]
- c) Discuss approach to kidney failure in pediatric patients. [5]

Question Number : 4 Question Id : 32718740377 Consider As Subjective : Yes

- a) What is glomerular filtration rate (GFR)? [2]
- b) What are the methods to measure GFR. [3]
- c) How do you estimate GFR? [5]

Question Number : 5 Question Id : 32718740378 Consider As Subjective : Yes

- a) Define hyponatraemia. [3]
- b) Approach to a patient with hyponatremia. [7]

Question Number : 6 Question Id : 32718740379 Consider As Subjective : Yes

- a) Mention the endocrine functions of kidneys. [3]
- b) Discuss their role in homeostasis. [7]

Question Number : 7 Question Id : 32718740380 Consider As Subjective : Yes

- a) What is nephron endowment? [3]
- b) Discuss factors influencing nephron endowment and effect on kidney health. [7]

Question Number : 8 Question Id : 32718740381 Consider As Subjective : Yes

- a) Discuss pathophysiology of acute kidney injury. [5]
- b) Role of AKI on progression to CKD. [5]

Question Number : 9 Question Id : 32718740382 Consider As Subjective : Yes

- a) Mention causes of hypokalemia. [3]
- b) How will you approach a patient presenting with hypokalemia? [7]

Question Number : 10 Question Id : 32718740383 Consider As Subjective : Yes

- a) Write about the role of calcium sensing receptors (CaSR) in homeostasis. [4]
- b) Discuss the effect of abnormal function or expression of CaSR. [6]