

National Board of Examinations

Question Paper Name : DrNB Nephrology Paper1

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

Arterio-venous fistula failure:

- a) Diagnostic approach. [5]
- b) Management of central venous occlusion. [5]

Question Number : 2 Question Type : SUBJECTIVE

Clinical studies:

- a) Compare case control study and cohort study. [5]
- b) Per-protocol analysis and Intention to treat analysis. [5]

Question Number : 3 Question Type : SUBJECTIVE

- a) Role of kidney in bicarbonate Homeostasis. [4]
- b) Diagnostic approach to type II renal tubular acidosis. [3]
- c) Management of type II renal tubular acidosis. [3]

Question Number : 4 Question Type : SUBJECTIVE

- a) Describe the methods for estimating renal function. [5]
- b) Clinical applications of estimated Glomerular filtration rate. [5]

Question Number : 5 Question Type : SUBJECTIVE

Congenital abnormalities of kidney and urinary tract (CAKUT):

- a) Describe kidney development (nephrogenesis). [5]
- b) Describe the spectrum of developmental defects in kidney and the outflow tract. [5]

Question Number : 6 Question Type : SUBJECTIVE

- a) Describe gut microbiome. [5]
- b) Role of gut microbiome in prevention of chronic kidney disease. [5]

Question Number : 7 Question Type : SUBJECTIVE

Describe the following, in relation to calcineurin inhibitors:

- a) Area under curve. [3]
- b) Pharmacodynamics. [3]
- c) Pharmacokinetics. [4]

Question Number : 8 Question Type : SUBJECTIVE

Discuss regimens in management of focal /diffuse(classIII/IV) lupus nephritis. [10]

Question Number : 9 Question Type : SUBJECTIVE

Cardiorenal Syndrome:

- a) Pathogenesis. [5]
- b) Clinical approach. [5]

Question Number : 10 Question Type : SUBJECTIVE

- a) Transforming Growth factor (TGF- β). [3]
- b) Nephilysin Inhibitors. [3]
- c) Micro RNA. [4]