

Rajiv Gandhi University of Health Sciences

D.M Degree Examination – JULY-2018

Time: Three Hours

Max. Marks: 100 Marks

PAEDIATRIC NEPHROLOGY - PAPER – I

QP Code: 9166

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each)

10 x 10 = 100 Marks

1. Molecular components of the glomerular capillary wall and its functioning as a filtration barrier.
2. Role of the kidney in water homeostasis
3. Etiology of pediatric CKD based on recent epidemiological studies
4. Applied pharmacology of mTOR inhibitors
5. Bias in clinical research
6. Alloantibody detection assays
7. Genetics of the calcium sensing receptor
8. Erythropoietin stimulating agents
9. Natriuresis
10. Goldblatt experiments on renal hypertension

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