

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 09-Sep-2020

[Time: 3 Hours]**[Max. Marks: 100]****PAEDIATRIC NEPHROLOGY – PAPER-I****QP Code: 4147**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Answer All The Questions**10 X 10 = 100 Marks**

1. Describe the important channels in the segments of the nephron.
2. Discuss the mechanism of action of Tacrolimus.
3. Explain the light microscopy findings of congenital nephrotic syndrome.
4. Write a note on the physiology of the renin angiotension aldosterone system.
5. Differentiate the clinical and biochemical findings of different causes for renal rickets.
6. Discuss the approach to evaluating a child with enuresis.
7. Highlight the criteria available to diagnose neonatal acute kidney injury.
8. Explain with examples the renal causes for hyponatremia.
9. Write a note on genetic analysis for primary nephrotic syndrome.
10. Describe the pathogenesis of ischemic acute kidney injury.

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