

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**

**M.SC. (RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATION -  
March 2019**

**Fourth Semester**

**RECENT ADVANCE IN DIALYSIS & NEPHROLOGY**

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

**I. Write a Long essay on:**

**(2 x 20 = 40)**

1. Define ARF. Explain in detail the causes of ARF in children. Explain the indications and principles of dialysis in ARF for paediatric population.
2. Discuss in detail the nutritional management of paediatric patients on chronic dialysis.

**II. Write short notes on:**

**(10 x 6 = 60)**

3. AV Fistula.
4. Bridge Grafts.
5. Hemofilters.
6. Complications of PD in infancy.
7. Neurological development in infants with renal failure.
8. Common electrolyte disorders in children.
9. Infection and immunity in end stage renal disease.
10. Hypertension in Dialysis patients.
11. Management of anaemia in renal failure.
12. Cyber Nephrology.

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