

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
B.SC (RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATION -
September 2021

Third Year

APPLIED DIALYSIS TECHNOLOGY PAPER II

Three Hours

Maximum: 75 marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. What are the indications of Continuous Renal Replacement Therapy? Write about its various modalities. What are the different replacement fluids?
2. What is reverse osmosis? Draw a diagram of the reverse osmosis system and explain how it works?

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Extra corporeal Immunoabsorption.
4. Discuss the advantages and disadvantages of Dialysis modalities for Diabetic patient.
5. Causes of AKI in Pregnancy.
6. Explain Reverse Osmosis and Distribution System

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. What are the acute dialysis indications for infants and children?
8. Endotoxins
9. Nutritional assessment in dialysis patients.
10. List the foods containing high levels of potassium.
11. Enzymes associated with Acute Myocardial Infarction.
12. Describe Dialysis associated pericarditis.
13. Indications of Parathyroidectomy.
14. Describe the causes of increased susceptibility to Infection.
15. What are two types of donor and write their significance in transplantation.
16. Represent RO plant by diagram.

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