

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)
B.Sc. (RENAL DIALYSIS TECHNOLOGY) DEGREE
EXAMINATION – March 2019
Third Year

APPLIED DIALYSIS TECHNOLOGY – PAPER II

Time: Three hours

Maximum: 75 marks

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

1. Write in detail about indications, techniques and complications of CRRT and its utility in ICU settings.
2. Enumerate in detail about indication, contraindications and techniques of peritoneal dialysis.

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

3. MARS.
4. Write in detail on viral infections and infection control practices in the HD unit.
5. Write in detail on maternal complications in pregnant dialysis patients.
6. Explain in detail on DFPP and indications for plasmapheresis.

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

7. Hemodiafiltration, technical issues and benefits.
8. Write a note on hyperparathyroidism.
9. What are the causes of iron deficiency anemia?
10. Dialysis dementia.
11. HD in a HIV patients.
12. Explain about cardiac problems in CKD patients.
13. Nocturnal Hemodialysis.
14. Scuf techniques.
15. Adynamic bone disease.
16. Water treatment plant.