

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)
M.Sc(Advanced Care Paramedic) DEGREE EXAMINATION - December
2021
First Year
RENAL CARE & METABOLISM

Three Hours

Maximum: 75 marks

I. Write an Long essay on any Two:

(2 x 15 = 30)

1. Write in detail regarding Disorders of Plasma Sodium and Plasma Potassium.
2. Explain in detail about Hemodialysis – types, indications and complications.
3. Write a note in peritoneal dialysis.
4. Write in detail regarding causes of false haematuria.

II. Write short essay on any Five :

(5 x 6 = 30)

5. Acute renal failure- classification, RIFLE criteria, pathophysiology, clinical features, diagnosis and treatment.
6. Hematuria – definition, clinical features, diagnosis, and treatment.
7. Short notes on Fournier's gangrene.
8. Management and Causes of Priapism.
9. Management of Hyperkalemia.
10. Causes of hyponatremia and management.
11. Renal replacement therapy.
12. Complication during dialysis.

III. Write short Answer on :

(5 x 3 = 15)

13. What are the five main functions of the kidney?
14. What is diffusion?
15. Define Fournier's gangrene.
16. What drives filtration in the glomerulus?
17. Explain the three processes of urine formation.
