

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 2502

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN DIALYSIS TECHNOLOGY

FIRST YEAR (Regulation 2014-2015 & 2018-2019)

PAPER II – INTRODUCTION TO KIDNEY DISEASES

Q.P. Code : 842502

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. What is chronic kidney disease? Discuss investigations and medical management of CKD.
2. Discuss the clinical features, investigations, treatment and complications of acute cystitis.
3. Discuss etiology, clinical features and treatment of peritonitis.

II. Write notes on:

(10 x 5 = 50)

1. Disorders of Calcium – Phosphorous metabolism in CKD.
2. Treatment of uncomplicated acute pyelonephritis.
3. Dialysis in End stage Renal Disease.
4. Vaccination before starting dialysis.
5. Evaluation of hematuria.
6. Asymptomatic bacteriuria of pregnancy.
7. Prevention of diabetic nephropathy.
8. Role of imaging studies in kidney diseases.
9. Clinical features of tuberculous cystitis.
10. Principles of extracorporeal short wave lithotripsy.

III. Short answers on:

(10 x 2 = 20)

1. Creatinine clearance.
2. What is Pyuria?
3. Hypertensive nephropathy.
4. Gastrointestinal symptoms of CKD.
5. Forms of internal dialysis.
6. Semipermeable membranes in dialysis.
7. What is renovascular disease?
8. Common microbes in UTI.
9. Basic life support.
10. Modes of CRRT.
