

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (RENAL DIALYSIS TECHNOLOGY) DEGREE
EXAMINATION – August 2019
Second Year

APPLIED ASPECTS OF PATHOLOGY AND
MICROBIOLOGY

Time: Three hours

Maximum: 75 marks

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

1. Explain in detail about causes, stages, diagnosis and management of Chronic Kidney disease.
2. Write in detail causes, pathophysiology, diagnosis and management of urinary tract infection.

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

3. Pyelonephritis.
4. Definition, diagnosis and management of Acute Kidney Injury.
5. Bacterial Culture and sensitivity analysis.
6. Autosomal Poly cystic Kidney Disease.

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

7. Obstructive Uropathy.
8. Nephrotic syndrome.
9. Opportunistic fungal infections.
10. Culturing techniques for Central venous catheters in hemodialysis.
11. Isolation Dialysis.
12. Bacterial peritonitis.
13. Reno vascular Hypertension.
14. Preeclampsia.
15. Acute Nephritic Syndrome.
16. Hepatitis B vaccination for dialysis patients.