

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)
M.Sc (RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATION –
December 2021
First Semester
BIOCHEMISTRY

Three Hours

Maximum: 100 marks

I. Write an Long essay on: **(3 x 20 = 60)**

1. Describe the synthesis, degradation and utilization of ketone bodies in the body. Add a note on ketoacidosis in different conditions.
2. Give an account of calcium homeostasis. Add a note on hypocalcaemia and hypercalcaemia.
3. Classify enzymes giving suitable examples. Explain the different types of enzyme inhibitions citing examples.

II. Write short essay on : **(4 x 10 = 40)**

4. Clearance tests
5. Urea cycle
6. Structure and functions of DNA
7. Mucopolysaccharides.
