

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

B.Sc. (MEDICAL LAB TECHNOLOGY) DEGREE
EXAMINATION - August 2019

Third Year

MICROBIOLOGY - III

Time: Three hours

Maximum: 75 marks

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

1. Write the Morphology, pathogenesis, lab diagnosis and prophylaxis on Mycobacterium tuberculosis
2. Write note on morphology, pathogenesis, lab diagnosis and prophylaxis of Salmonella.

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

3. Give a detailed note on Helicobacter and Campylobacter
4. Write a detailed note on Hospital Waste Management
5. Write short notes on any five types and symptoms of autoimmune disorders
6. Write about sexually transmitted diseases.

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

7. Write briefly about the pathogenesis and prophylaxis of Bacillus.
8. Write briefly about pathogenesis and lab diagnosis of Nesisseria.
9. Give short notes on general properties of an Antigen.
10. Write about antigen presenting cells.
11. Write about innate immunity.
12. Write short notes on the disease caused and lab diagnosis of Shigella.
13. Write short notes on immune response.
14. Write the importance of immune system.
15. Write short notes on Natural killer cells and its function.
16. Give short notes on monoclonal antibodies and its application.