

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.D. DEGREE EXAMINATION - May 2019

MICROBIOLOGY

PAPER II: SYSTEMIC BACTERIOLOGY

Time: Three hours

Maximum: 100 marks

Answer ALL questions

SECTION - A

I. Essay: (1 x 20 = 20)

1. Discuss the pathogenesis and laboratory diagnosis of Enteric Fever. Add a note on immunoprophylaxis of typhoid.

II. Write short notes on: (5 x 6 = 30)

2. BCG vaccine
3. MRSA
4. Group B Streptococci
5. Nonsporing Anaerobes
6. VDRL test

SECTION - B

I. Essay: (1 x 20 = 20)

7. Classify vibrios. Discuss pathogenesis and lab diagnosis of Cholera.

II. Write short notes on: (5 x 6 = 30)

8. Nocardia
9. Atypical pneumonia
10. Bordetella pertussis
11. Specimen collection for gonorrhoea.
12. Coagulase Negative Staphylococci.
