

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM.  
(Deemed to be University)**

**M.SC.(RENAL DIALYSIS TECHNOLOGY) DEGREE  
EXAMINATION February 2020  
First Semester**

**MICROBIOLOGY**

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

**I. Write an Long essay on :** **(2 x 20 = 40)**

1. Enumerate the aetiological agents of urinary tract infection (UTI). Describe the predisposing factors, pathogenesis and laboratory diagnosis of UTI.
2. Describe the pathogenesis, laboratory diagnosis and prevention of Cholera.

**II. Write short notes on :** **(10 x 6 = 60)**

3. T lymphocytes.
4. Chemical disinfectants.
5. Innate immunity.
6. Anaerobic cultivation methods.
7. Gram staining.
8. Candidiasis.
9. Laboratory diagnosis of AIDS.
10. ELISA.
11. Toxic shock syndrome.
12. Viral haemorrhagic fevers.

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