



PAPER CODE: MB113

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

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MBBS SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS

JANUARY, 2022

MICROBIOLOGY

Paper -I

(BACTERIOLOGY AND IMMUNOLOGY)

Time: 2 Hour

Max Marks: 40

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

1. Define an ideal disinfectant and describe the properties. Write the various disinfecting agents and their applications. (2+3+5=10)

Write a short note on the following: 5X4=20

2. Virulence test for *C. diphtheria*.
3. Anaerobic culture methods.
4. Biological effect of complement.
5. Conjugation
6. Types of *E. coli* Bacteria.

Write briefly on the following: 5x2=10

7. IgE.4
8. Name *Shigella* Species.
9. Causative agent of Relapsing Fever.
- 10.Types of Botulism.
- 11.Methods of HLA Testing.