

133-NR

M.D. DEGREE EXAMINATION – APRIL, 2014

MICROBIOLOGY

Paper-II : Systemic Bacteriology

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Briefly describe epidemiology of Rickettsial diseases in India. Add a note on recent methods of laboratory diagnosis of scrub typhus.
2. Write a note on etiology and laboratory diagnostic methods of non-gonococcal urethritis.
3. MRSA surveillance in acute wards and its control.
4. Classify non-sporing anaerobes and their role in respiratory and abdominal infections.
5. Group B streptococci and its Pathogenicity.
6. Enumerate various food borne pathogens and outline their laboratory identification methods.
7. Outline various phenotypic and genotypic methods in laboratory diagnosis of Mycobacterium tuberculosis.
8. Enumerate Zoonotic bacterial diseases and outline their rapid identification methods.
9. Enumerate bacterial pathogens causing lower respiratory tract infections. Outline laboratory diagnosis of *H. influenzae*.
10. Give an account of pseudomembranous colitis and its lab diagnosis.

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