

135-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

MICROBIOLOGY

Paper-IV : Applied Microbiology and Recent Advances

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Epidemiology and laboratory diagnosis of Dengue.
- 2) Write an essay on newer concepts in development of vaccines.
- 3) Recent advances in sterilization and disinfection.
- 4) Antibiotic resistance and its importance in Indian scenario.
- 5) HIV testing strategies under the National AIDS Control Organization in India.
- 6) Emerging and re-emerging viral infections in India.
- 7) Automation in Diagnostic Microbiology.
- 8) Bio-medical waste management and handling rules in India.
- 9) Molecular methods used in diagnosis of Infectious diseases.
- 10) Quality control in Microbiology.

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