

132-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2013

MICROBIOLOGY

Paper-I : General Microbiology and Immunology

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. Recent developments in fluorescence microscopy
2. Describe methods of antigen detection for diagnosis of infectious diseases
3. Gaseous disinfectants
4. Write an essay on type-II immediate hypersensitivity
5. Describe polymerase chain reaction for use in diagnostic microbiology.
6. Passive immunity
7. Mechanisms of transplantation immunity
8. Cytokines
9. Automated culture methods
10. Virulence factors of the bacteria

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