

132-NR

M.D. DEGREE EXAMINATION – APRIL, 2012

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. Nobel Laureates in Microbiology.
2. Write an essay on Electron microscopy.
3. Automated systems in diagnostic microbiology.
4. Write an essay on bacterial nutrition.
5. Write an essay on mechanisms of drug resistance in bacteria.
6. Mechanisms of innate immunity.
7. Classify hypersensitivity. Write in detail mechanism of Type I hypersensitivity.
8. Complement in health and diseases.
9. Write in detail about HLA complex.
10. Write in detail about autoimmunity.

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