

132-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2014

MICROBIOLOGY

Paper-I : General Microbiology and Immunology

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. NK cell and its role in immunological defence.
2. Recent development in automation in Microbiology.
3. Role of Gas-liquid chromatography in bacterial diagnostics.
4. Role of mass-spectrometry in rapid bacterial identification.
5. Procalcitonin and its role in sepsis.
6. Acute phase reactants and its role in diagnostic Microbiology.
7. Autoimmune markers in Diagnostic immunology.
8. Role of Rapid ICT based tests in diagnostic Microbiology.
9. Role of Microbiologist in formulation of Hospital antibiotic policy.
10. Handling and disposal of Biomedical waste in a hospital.

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