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Kavya Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

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Time: 3 Hrs.

[Max. Marks: 100]

MICROBIOLOGY - PAPER I (Revised Scheme II)

QP Code: 1083

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify hypersensitivity reactions. Describe in detail Type I hypersensitivity reaction
2. Discuss the pathogenicity and laboratory diagnosis of enteric fever. Add a note on its prophylaxis

SHORT ESSAY

10 X 5 = 50 Marks

1. Hot air oven
4. Group B. Streptococci
5. Mechanisms of autoimmunity
6. MRSA
7. Anaerobic culture methods
8. Halophilic vibrios
9. Helicobacter pylori
10. Bacterial conjugation
11. Laboratory diagnosis of pulmonary tuberculosis
12. Biological functions of complement

SHORT ANSWERS

10 X 3 = 30 Marks

13. Give 3 contributions of Louis Pasteur
14. Artificial active immunity
15. Classify Atypical Mycobacteria with examples
16. Define Heterophile antigen. Give two examples
17. Structure of Immunoglobulin G. (IgG)
18. Differences between EITC and Classical vibrios
19. Name specific tests for syphilis
20. Indole tests
21. Name 3 methods to demonstrate motility of bacteria
22. Lepromin test