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Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June / July 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. Describe the mechanism of each one of them with examples
2. Describe the morphology, pathogenesis and lab diagnosis of cholera

SHORT ESSAY

10 X 5 = 50 Marks

3. Louis pasteur
4. Sterilization by Radiation
5. Anaerobic culture methods
6. Mutation and drug resistance
7. Specific tests for Syphilis
8. Bacterial virulence factors
9. Human leukocyte antigens (HLA)
10. Cell mediated immune response
11. Gas gangrene
12. Chlamydia

SHORT ANSWERS

10 X 3 = 30 Marks

13. Bacterial spore
14. Transposons
15. Polymerase chain reaction
16. Endotoxin
17. Adjuvants
18. Direct immunofluorescence
19. ~~Gardnerella~~ vaginalis *Gardnerella*
20. Widal test
21. Classify streptococci
22. Well - Felix test