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Kannada University of Health Sciences, Karnataka

M.B.B.S. PHASE II Degree Examination – Dec 2013

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Time: Three Hours

Max. Marks: 100 Marks

**MICROBIOLOGY -Paper -I
(RS2 & RS3 SCHEME)
QP Code: 1083**

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Define and classify sterilization. Describe steam sterilization. 1+3+6
2. Classify immunity. Discuss in detail acquired immunity 3 + 7

SHORT ESSAYS

10 x 5 = 50 Marks

3. Bacterial flagella
4. Mutational drug resistance
5. Structure of Ig G
6. Type II hypersensitivity
7. Pathogenesis and laboratory diagnosis of gonorrhea
8. Diseases caused by Group A streptococci
9. Brucellosis
10. Laboratory diagnosis of cholera
11. Give a brief account of Atypical mycobacteria
12. Lymphogranuloma venereum

SHORT ANSWERS

10 x 3 = 30 Marks

13. Pathogenesis of tetanus
14. Laboratory diagnosis of primary syphilis
15. Methods to enumerate viable count of bacteria
16. Adjuvants
17. Enumerate immunodeficiency diseases
18. Principle and uses of immunofluorescence test
19. Laboratory diagnosis of pneumococcal meningitis
20. Enumerate bacterial agents of food poisoning
21. DPT vaccine
22. Enumerate diseases caused by Escherichia coli