FACULTY OF SCIENCE
M.Sc. III – Semester Examination, December 2014

Subject: Microbiology
Paper – IV: Medical Bacteriology

Time: 3 Hours
Max.Marks: 80

Note: Answer all questions from Part - A and Part - B.
Each question carries 4 marks in Part - A and 12 marks in Part - B.

PART – A (8 x 4 = 32 Marks)
[Short Answer Type]

1 Normal flora of intestinal tract
2 Normal flora of mouth
3 Communicability
4 Sub clinical infection
5 Quellung reaction
6 Elek’s gel precipitation test
7 Toxins of Cl. tetani
8 Coagulase test

PART – B (4 x 12 = 48 Marks)
[Essay Answer Type]

9 a) Write an essay on origin, distribution of normal microbial flora of healthy human body

   OR

   b) Discuss in detail about the effect of antimicrobial agents on normal microbial flora.

10 a) Explain the factors that influence the pathogenicity.

   OR

   b) Write an essay on different modes of spreading of infection.

11 a) Write an essay on tuberculosis.

   OR

   b) Write an essay on syphilis.

12 a) Write an essay on cholera .

   OR

   b) Write an essay on Clostridium tetani.

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