FACULTY OF SCIENCE
B.Sc. III – Year Examination, March / April 2015
Subject: Microbiology
Paper – III
Immunology and Medical Microbiology

Time: 3 Hours
Max.Marks: 100

Note: Answer All questions from Part – A & B.
PART – A (8x5 = 40 Marks)
[Short Answer Type]

1  Thymus
2  Artificial active immunity
3  Ig A
4  ELISA
5  Normal flora of skin
6  Endo Toxins
7  Recombinant vaccines
8  ZN staining

PART – B (4x15 = 60 Marks)
[Essay Answer Type]

9  a) Write an essay on secondary organs of immune system.
    OR
    b) Describe the identification and function of B-lymphocytes.

10 a) Discuss on the types of antibodies, properties and their functions.
    OR
    b) Explain the production and application of monoclonal antibodies.

11 a) Describe the methods of collection, transportation and processing of clinical samples for diagnosis.
    OR
    b) Discuss on antiviral agents – interferon and base analogues.

12 a) Write an essay on Filariasis for its etiology and diagnosis.
    OR
    b) Write an essay on Gonorrhoea for its etiology and diagnosis.

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