



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

TRIMESTER EXAMINATIONS 2013/2014
SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
AND BACHELOR OF SCIENCE IN BIOLOGY

SZL 204: BASIC IMMUNOLOGY

DATE: AUGUST 13, 2014

TIME: 8.30 – 10.30AM

INSTRUCTIONS:

Answer ANY TEN Questions (7 Marks each)

1. Explain in details the meaning of the following terms:
 - i.) Innate immunity
 - ii.) inflammation
2. Outline the features of adaptive immunity.
3. Explain the mechanisms through which humoral immunity exerts its effects on pathogens
4. State five host- related barriers to infection.
5. Describe the process of phagocytosis.
6. Explain the factors that influence antigenicity.
7. Outline four distinctive features of B lymphocyte and T lymphocytes.
8. Show the ontogenetic differentiation of immunocompetent T cell subsets and their function in peripheral circulation and tissues.
9. Outline the functions of complements in immune complex clearance
10. Explain the antigen antibody interaction
11. Discuss briefly four major events in inflammatory reactions
12. Outline the distinctive properties of immunoglobulins G and M

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