

THE OPEN UNIVERSITY OF SRI LANKA  
BSc DEGREE PROGRAMME  
FINAL EXAMINATION - 2015/16  
COURSE CODE ZLU4182  
IMMUNOLOGY  
ZOOLOGY LEVEL 6  
DURATION- TWO HOURS



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DATE : 16<sup>th</sup> July 2016

Time: 9.30 a.m. – 11.30 a.m

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Answer any **four (4)** questions

*If necessary, provide relevant diagrams for your answers*

1. a. Define the term cellular immune response.  
b. Describe briefly how cellular immune occurs in human body.
2. Explain how B-cell responses to antigens in human immune system.
3. Write short notes on **any two (2)** of the followings
  - i. Immunogenicity
  - ii. Antigen recognition
  - iii. Vaccination
4. a. What is meant by immunological tolerance ?  
b. Describe briefly the process of immunological tolerance.
5. Briefly discuss the immunity to viral infections in human body.
6. Discuss briefly auto-immune diseases in human body.

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