



**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES**

**B.Sc. (General) Degree in Health Promotion
First year – Semester I Examination – April/May 2016**

HPT 1202 - INTRODUCTION TO HUMAN DISEASES AND HEALTH

Time: Two (02) hours

Answer all questions.

1. a) Describe the evolution of theories of disease causation. **(50 marks)**
b) Explain the pathogenesis phase of communicable diseases, using dengue fever as an example. **(50 marks)**
2. a) Discuss the role of two major risk factors in causing non-communicable diseases. **(50 marks)**
b) Elucidate why controlling of communicable diseases is becoming difficult in most countries. **(50 marks)**
3. a) Outline the effects of environment on human health. **(50 marks)**
b) Describe how to minimize the impact of global warming on human health. **(50 marks)**
4. a) Briefly describe the functions of human immune system. **(40 marks)**
b) Explain the mechanism behind active and passive immunization, with appropriate examples. **(60 marks)**