



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

**B.Sc. (General) Degree in Health Promotion
First Year – Semester I Examination – Sep/Oct 2013**

HPT 1202 - INTRODUCTION TO HUMAN DISEASES AND HEALTH

Time: Two (02) hours

Answer all four (04) questions

Illustrate your answers with labeled diagrams where appropriate.

1. a) What is a non-communicable disease?
(20 marks)
- b) What are the major non-communicable diseases in Sri Lanka?
(20 marks)
- c) List the main risk factors for non-communicable diseases in Sri Lanka.
(30 marks)
- d) List the main health sector services available in Sri Lanka to prevent cancer.
(30 marks)
2. a) Briefly describe the following terms.
 - I. Gene
(20 marks)
 - II. Chromosome
(20 marks)
 - III. DNA
(20 marks)
- b) What is a genetic disorder?
(20 marks)

c). Provide examples for a disease due to;

I. chromosomal defect

(10 marks)

II. X linked recessive gene.

(10 marks)

3. Briefly describe the following.

a). Active and passive immunization

(50 marks)

b). Innate and acquired immunity

(50 marks)

4. a) What are communicable diseases?

(30 marks)

b) Explain “chain of infection” in communicable disease transmission.

(50 marks)

c) List five leading communicable diseases in Sri Lanka.

(20 marks)