



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

**B.Sc.(General) Degree in Health Promotion
First Year – Semester I Examination – March 2021**

HPT 1202 – INTRODUCTION TO HUMAN DISEASES AND HEALTH

Time: Two (02) hours

Answer ALL questions.

1. a. Define the term 'infection'. (20 marks)
- b. Explain the natural history of Covid infection. (30 marks)
- c. Describe the factors which support transmission of communicable diseases. (50 marks)

2. a. Explain the components of human immune system. (40 marks)
- b. Describe using relevant examples the adaptive immunity of the human body. (60 marks)

3. a. Define the term 'risk factor' in relation to non-communicable diseases. (20 marks)
- b. Explain how diabetes mellitus is caused. (40 marks)
- c. Discuss the preventive measures of non-communicable diseases. (40 marks)

4. Write short notes on following topics.
 - a. Gene (30 marks)
 - b. Chromosomal disorders (30 marks)
 - c. Immunization (40 marks)

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