

UNIVERSITY OF COLOMBO –SRI LANKA

Special Degree Examination in Arts (Geography) – Part III

First Semester Final Examination - 2018/2019

GYG 4199- APPLIED MEDICAL GEOGRAPHY

Two Hours (02)

Answer **Three (03)** Questions Only

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1.
 - i Name **four** Air-borne diseases. (02 Marks)
 - ii State the **three** major groups of pathogens that cause Air-borne diseases. (04 Marks)
 - iii Briefly explain the three major groups of pathogens that you have mentioned in 1(ii). (06 Marks)
 - iv “Different levels of hierarchies need to be considered when taking measures to mitigate air-borne diseases.” Critically examine this view. (08 Marks)

2.
 - i Define the term “Diffusion of Diseases.” (02 Marks)
 - ii What are the geographical factors that influence on diffusion patterns of diseases? (04 Marks)
 - iii Briefly explain how climate changes affect the diffusion of diseases. (06 Marks)
 - iv Explain the strategies that could be taken for the prevention of vector borne diseases. (08 Marks)

3. i What is meant by “Environmental Inequalities”? (02 Marks)
- ii State the factors that determine health care inequalities. (04 Marks)
- iii Briefly explain how socio-economic inequalities influence on human mental health. (06 Marks)
- iv “Comprehensive facilities, different institutional involvements and trained personals are the essential components for providing an equal health care within a geographical area.” Critically examine this view with appropriate examples. (08 Marks)
4. i What do you mean by an “Eco-system”? (02 Marks)
- ii What are the major eco-system services that contribute to human well-being? (04 Marks)
- iii Briefly examine the current conditions of fresh water that affect human health. (06 Marks)
- iv Discuss how future changes of eco-system services could affect on human well-being. (08 Marks)
5. i Name **four** chronic diseases that are common in Sri Lanka. (02 Marks)
- ii State the difference between **Acute diseases** and **Chronic diseases**. (04 Marks)
- iii Briefly explain the relationship between poverty and chronic diseases. (06 Marks)
- iv Discuss the current trends of chronic diseases citing examples from South Asian region. (08 Marks)
6. i Define the term “Health Planning”. (02 Marks)
- ii What are the principles of a sustainable health planning? (04 Marks)
- iii Explain the constrains that have arisen in implementing sustainable health policies in Sri Lanka. (06 Marks)
- iv Discuss your views on empowering women’s health programmes in Sri Lanka based on existing policies and strategies in the health sector. (08 Marks)
