

University of Colombo
Faculty of Arts
Special /Study Stream Examination in Arts (Geography) –Part I

Second Semester Final Examination -2017/18

GYG 2236- Environmental Hazards

Time: Two (02) hours

Answer Three (03) questions only

1. (i) Define the terms “Hazards and Disaster”.
(04 marks)
- (i) How do you classify “Environmental Hazards”.
(04 marks)
- (ii) “Most of the developing countries struggle with different types of environmental hazards at present”. Explain this statement with suitable examples.
(12 marks)

2. (i) What do you mean by “Biological Hazards”.
(03 marks)
- (ii) What are the main causes of biological hazards?
(04 marks)
- (iii) State briefly, the recent trends of biological hazards in Sri Lanka.
(05 marks)
- (iv). Evaluate the success of the epidemic prevention programmes with suitable examples, from different geographical areas.
(08 marks)

3. (i) Examine briefly “Disaster Management Cycle”.
(05 marks)
- (ii) Give a brief account on the implementation of different awareness programs on preparedness that have been carried out by the Disaster Management Center (DMC) of Sri Lanka.
(07 marks)

(iii) "The application of modern technologies are essential to safeguard human lives and properties". Explain this statement, citing suitable examples from the DMC.

(08 marks)

4. (i) Briefly explain, the formation of a "Cyclone".

(04 marks)

(ii) Draw a diagram to depict the structure of a tropical cyclone.

(04 marks)

(iii) Discuss briefly the recent trends of tropical cyclones.

(06 marks)

(iv) State briefly, the measures that can be adopted to mitigate the adverse effects of the cyclones.

(06 marks)

5. Write a brief account on any TWO of the following.

1. Different types of landslides.
2. Lightning and thundering accidents.
3. Oil spill and industrial emissions.
4. Impact of droughts.

(10x2=20 marks)

6. Do you agree with view that the "environmental hazards would cause serious socio-environmental issues"? Discuss this statement with examples from developing countries.

(20 marks)
