

UNIVERSITY OF COLOMBO – SRI LANKA

FACULTY OF ARTS

STUDY STREAM EXAMINATION IN ARTS (GEOGRAPHY) – PART II

SECOND SEMESTER FINAL EXAMINATION (2018/19)

GYG 3265 – DISASTER MANAGEMENT AND PREPAREDNESS

Time: Two (02) Hours

Answer **three (03)** questions only.

01. (i). Name the major components of Disaster Management (DM).
(03 Marks)
- (ii). Define the terms Risk and Vulnerability.
(04 Marks)
- (iii). State the difference between “hazard analysis” and “vulnerability analysis”.
(05 Marks)
- (iv). Discuss the role of information technology in the disaster mitigation process.
(08 Marks)
- (Total Marks 20)
02. (i). What is meant by “Disaster Knowledge Management”?
(03 Marks)
- (ii). List out the three forms of knowledge in Disaster Management.
(04 Marks)
- (iii). Briefly explain the disaster knowledge factors.
(05 Marks)
- (iv). Write a brief account on the role of knowledge in Disaster Risk Management.
(08 Marks)
- (Total Marks 20)

03. (i). Define “Disaster Risk Reduction (DRR)”.
- (03 Marks)**
- (ii). What would you explain “Disaster Risk Assessment”?
- (04 Marks)**
- (iii). State various strategies in Disaster Risk Reduction.
- (05 Marks)**
- (iv). Explain the concept of Disaster Risk Reduction using the Sendai Framework 2015 - 2030.
- (08 Marks)**
- (Total Marks 20)**

04. (i). What is meant by “Contingency Planning”?
- (03 Marks)**
- (ii). State the difference between “Contingency Planning” and “Disaster Management Planning”.
- (04 Marks)**
- (iii). Briefly explain, the process of Contingency Planning.
- (05 Marks)**
- (iv). Briefly discuss the role of the Sri Lankan military in disaster emergencies.
- (08 Marks)**
- (Total Marks 20)**

05. (i). Draw a diagram to depict the government structure of Disaster Management (DM) in Sri Lanka.
- (03 Marks)**
- (ii). State the government capacity on Disaster Risk Reduction (DRR) in Sri Lanka.
- (04 Marks)**
- (iii). State the main challenges in disaster risk reduction in Sri Lanka.
- (05 Marks)**

(iv). Briefly describe, your suggestions to minimize the challenges that you have stated in question no. 05 (iii).

(08 Marks)

(Total Marks 20)

06. (i). Name the three world conferences on Disaster Management conducted by the United Nations.

(03 Marks)

(ii). What are the main goals of the above mentioned conferences?

(04 Marks)

(iii). State the relationship between disaster risk reduction and sustainable development.

(05 Marks)

(iv). Explain the community role in disaster risk reduction for sustainable development.

(08 Marks)

(Total Marks 20)