



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(ONLINE)
SEMESTER I
SESSION 2020/2021**

COURSE NAME : RISK MANAGEMENT /
DISASTER MANAGEMENT

COURSE CODE : BPF32403 / BPF43003

PROGRAMME CODE : BPD

EXAMINATION DATE : JANUARY / FEBRUARY 2021

DURATION : 3 HOURS

INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF FOUR (4) PAGES

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- Q1** (a) The Sendai Framework for Disaster Risk Reduction 2015-2030 was adopted at the Third UN World Conference in Sendai, Japan, on March 18, 2015. It is the outcome of stakeholder consultations initiated in March 2012 and inter-governmental negotiations from July 2014 to March 2015, supported by the United Nations Office for Disaster Risk Reduction at the request of the UN General Assembly.

Define the following terminologies based on the above mentioned framework with an appropriate example:

- (i) Resilience
- (ii) Disaster Resilience
- (iii) Urban Resilience
- (iv) Emergency

(12 marks)

- (b) Taking into account the experience gained through the implementation of the Hyogo Framework for Action, and in pursuance of the expected outcome and goal, there is a need for focused action within and across sectors by States at local, national, regional and global levels in the Sendai Framework 2015-2030.

Describe the following priorities based on the above mentioned framework with an appropriate examples:

- (i) Priority No. 1
- (ii) Priority No. 2
- (iii) Priority No. 3
- (iv) Priority No. 4

(13 marks)



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- Q2** (a) Hospitals are complex and vulnerable institutions that are dependent on crucial external support and supply lines. Under normal working conditions, many hospitals frequently operate at near-surge capacity. Surge capacity is the ability of a health service to expand beyond its normal capacity to meet an increased demand for clinical care. COVID-19 cases may cause rapid increase in demand over a prolonged period of time.

Recommend **FIVE (5)** actions to the Director of Hospital Hajah Enche Kalsom, Kluang on how to be able to cope with the overwhelming cases of COVID 19.
(10 marks)

- (b) Despite the difficult demands and obstacles foreseen, the proactive and systematic implementation of key generic and specific actions can facilitate effective hospital-based management during a rapidly evolving outbreak. In Malaysia, MARDI's Agro Exposition Park Serdang (MAEPS) was converted into a quarantine centre with the capacity of 600 beds in a short period of time to accommodate wave of coronavirus patients.

Discuss **FIVE (5)** advantages of converting a convention centre into a temporary hospital or a quarantine centre.
(15 marks)

- Q3** (a) The resilience dividend not only enables people and communities to rebound faster from disasters or deal with stresses; it spurs economic development, job creation, environmental sustainability, and social cohesion. It brings benefit to people, organizations, and communities when things are going right as well as when they go wrong.

(i) Explain definition of resilience dividend with appropriate examples.
(5 marks)

(ii) Discuss **FIVE (5)** importance of resilience dividend for our country with appropriate examples.
(10 marks)

- (b) There are several principles for building resilience, and they can be developed, to a greater or lesser degree, by any individual, community, or organization. These principles are all present, to different degrees and in different manifestations, in all resilient entities.

Discuss **FIVE (5)** principles for building resilience in our community by referring to the case of COVID-19,

(10 marks)

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Q4 (a) The Chief Resilience Officer (CRO) is an innovative position in municipal government or local authority that was introduced by 100 Resilient Cities, an initiative of the Rockefeller Foundation. Five years ago, the position of CRO was unheard of anywhere in the world. Today, there are 86 of these CROs worldwide, each playing the essential role of spearheading a comprehensive resilience strategy, breaking down silos in city government and unifying stakeholders around their risks and opportunities.

(i) Differentiate between Acute Shock and Chronic Stress in the city based on the framework of 100 Resilient Cities initiatives.

(6 marks)

(ii) Explain **FOUR (4)** responsibilities of CRO for Malacca Historical City Council (MHCC).

(8 marks)

(b) Social media can be defined as a new form of media that facilitates social interaction and communication through the use of online internet based platforms. The term social media signifies participation, communication and interaction among users.

Outline positive and negative implications of social media in the midst of coronavirus (COVID-19) pandemic to the citizens of Malaysia.

(10 marks)

-END OF QUESTIONS-

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