



UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2018/2019**

COURSE NAME : ENVIRONMENTAL MANAGEMENT
COURSE CODE : BPF 33503
PROGRAMME CODE : BPD
EXAMINATION DATE : DECEMBER 2018 / JANUARY 2019
DURATION : 2 HOURS 30 MINUTES
INSTRUCTION : ANSWERS ALL QUESTIONS

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THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

Q1 Environment is defined as the whole physical and biological system surrounding man and other organisms along with various factors influencing them.

- (a) Explain **FOUR (4)** environmental components within the earth system. (8 marks)
- (b) Discuss the evolution of sustainable development since early 1970s and how sustainable development influences the world's current environmental policy. (12 marks)

Q2 Forests provide habitat for a vast array of plants and animals, many of which are still undiscovered. Forests are so much more than a collection of trees but also home to 80% of the world's terrestrial biodiversity.

- (a) Define biodiversity with examples. (4 marks)
- (b) Differentiate **FOUR (4)** types of forest with their characteristics according to their distance from the equator. (16 marks)

Q3 A report by the United State's Center for Excellence in Disaster Management and Humanitarian Assistance (2016) found that Malaysia is vulnerable to natural hazards including floods, forest fires, tsunamis, cyclonic storms, landslides, epidemics and haze. Furthermore, the effects of climate change have resulted in an increasing amount of climate related disasters, resulting in a newfound threat to Malaysia's economy and development.

- (a) Propose **FIVE (5)** main action policies for enhancing flood mitigation in Malaysia. (10 marks)
- (b) Justify **FIVE (5)** reasons why we need to enhance the disaster risk preparedness among citizens for building resilient communities in Malaysia. (10 marks)

MAUSGAR TAM HTE JURNAYS ARENT .RG
Kated (Arts) (2016)
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2

TERBUKA

Q4 The National Policy on the Environment aims at continued economic, social and cultural progress of Malaysia and enhancement of the quality of life of its people, through environmentally sound and sustainable development.

(a) Describe **FIVE (5)** principles of the National Policy on the Environment. (10 marks)

(b) Elaborate **FIVE (5)** green strategies that has been outlined in this policy. (10 marks)

Q5 Environmental Impact Assessment (EIA) is a process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.

(a) Explain the EIA actors in Malaysia and their roles. (10 marks)

(b) Demonstrate the EIA process in Malaysia as stipulated under Subsection 34(1) of the Environmental Quality Act 1974 (Act 127). (10 marks)

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– END OF QUESTIONS –

