



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2019/2020**

COURSE NAME : ENVIRONMENTAL MANAGEMENT
COURSE CODE : BPF 33503
PROGRAMME CODE : BPD
EXAMINATION DATE : DECEMBER 2019 / JANUARY 2020
DURATION : 2 HOURS 30 MINUTES
INSTRUCTION : ANSWER **ALL** QUESTIONS

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

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- Q1** (a) Explain environmental management. (2 marks)
- (b) Discuss **TWO (2)** basic approaches of environmental management. (8 marks)
- (c) Explain **FOUR (4)** environmental components within the earth system. (10 marks)
- Q2** The National Policy on the Environment aims at continuous 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)** main principles of the National Policy on the Environment. (10 marks)
- (b) Discuss **FIVE (5)** green strategies that has been outlined in this policy. (10 marks)
- Q3** Natural disasters are catastrophic events that are caused by nature or human.
- (a) Explain with diagrams the **FOUR (4)** factors of tsunami. (12 marks)
- (b) Differentiate the characteristics of volcanic earthquake and tectonic earthquake. (8 marks)
- Q4** The Interorganizational Committee on Guidelines and Principles (1994) has defined social impacts as “the consequence on human populations of any public or private actions - that alter the ways in which people live, play, relate to one another, organise to meet their needs and generally cope as members of society”.
- (a) Explain the impact assessments in the context of social development. (8 marks)
- (b) Illustrate with diagram the Social Impact Assessment (SIA) report preparation process based on the Town and Country Planning Act 1976 (Act 172) and the Town and Country Planning Act 2017 (Amendment) (Act A1522). (12 marks)

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- Q5** Land contamination is addressed in the Environmental Quality Act 1974 as a primary legislation that addresses the prevention, abatement and control of pollution, as well as the protection of the environment in Malaysia.
- (a) Define the term contaminated land according to the Environmental Quality Act 1974.
(4 marks)
- (b) Analyse the statutory responsibility of any cleanup or remediation laws with regard to contaminated land.
(12 marks)
- (c) Describe who is primarily responsible for the cleanup based on your answer on **Q5 (b)**.
(4 marks)

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-END OF QUESTIONS-