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Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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

COURSE NAME : ENVIRONMENTAL MANAGEMENT
COURSE CODE : BPD 33002
PROGRAMME CODE : BPC
EXAMINATION DATE : JUNE/JULY 2019
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

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

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TERBUKA

- Q1** Referring to A Handbook of Environmental Impact Assessment Guidelines and specific Guideline Books by Department of Environment (DoE) Malaysia, the aim of the Environmental Impact Assessment (EIA) is to assess the overall impact on the environment of development projects proposed by the public and private sectors.
- (a) Explain **FIVE (5)** objectives of EIA. (10 marks)
- (b) Analyze **FIVE (5)** benefits of EIA to developer. (15 marks)
- Q2** The ISO 14000-Environmental Management System is to provides practical tools for companies and organisations to be responsible in managing their environmental issues.
- (a) Define ISO 14000. (5 marks)
- (b) Discuss **FOUR (4)** benefits of implementing ISO 14000 in organisations. (8 marks)
- (c) Outline the process of auditing the environmental management system. (12 marks)

- Q3** Life Cycle Assessment (LCA) is part of ISO: 14000 management system. LCA is important to reduce cost and save the environment.
- (a) Define Life Cycle Assessment (LCA). (2 marks)
 - (b) Discuss the scope of Life Cycle Assessment (LCA). (8 marks)
 - (c) Outline **THREE (3)** elements in Inventory Life Cycle Analysis (15 marks)
- Q4** In construction industry there are several materials, processes dan practices that create pollutions and wastes. Waste minimisation and prevention are the solutions to handle waste problems in the industry.
- (a) Discuss the components in pollution prevention hierarchy. (10 marks)
 - (b) Propose the typical sources of waste reduction methods. (15 marks)

-END OF QUESTIONS-