



UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2015/2016**

COURSE TITLE : ENVIRONMENTAL
MANAGEMENT

COURSE CODE : BPD 33002

PROGRAMME CODE : BPC

EXAMINATION DATE : JUNE/JULY 2016

DURATION : 2 HOURS

INSTRUCTION : ANSWER ALL QUESTIONS

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

- Q1** Environmental Impact Assessment (EIA) is one of important roles to achieve a sustainable development. The aim of the EIA is to assess the overall impact on the environment of development projects proposed by the public and private sectors.
- (a) Discuss **THREE (3)** important reasons for the application of EIA in construction project. (15 marks)
- (b) Discuss with example **TWO (2)** levels of EIA procedures in Malaysia. (10 marks)
- Q2** The ISO 14000 is a standards to provide a practical tools for companies to manage the environmental responsibilities.
- (a) Explain procedures of the ISO 14000. (10 marks)
- (b) Outline the environmental management process auditing. (15 marks)
- Q3** Life Cycle Assessment (LCA) is one of methodology with life cycle perspective application. This assessment is also part of ISO 14000 management system.
- (a) Discuss advantage and disadvantages implementation of Life Cycle Assessment in construction organisation. (10 marks)
- (b) Relate Inventory Life Cycle Assessment with the performance of construction company. (15 marks)

Q4 Waste minimisation and prevention are solutions to mitigate waste problems in the nation. There are several materials, processes, practices that create pollutants and wastes.

(a) Differentiate **FIVE (5)** principles of waste minimization and prevention. (15 marks)

(b) Discuss the typical sources of reduction method. (10 marks)

-END OF QUESTIONS