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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2017/2018**

COURSE NAME : ENVIRONMENT MANAGEMENT
COURSE CODE : BPD 33002
PROGRAMME CODE : BPC
EXAMINATION DATE : JUNE / JULY 2018
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

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

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Q1 The quality of the Environmental Impact Assessment (EIA) report is an important indicator for assessing the effectiveness of EIA. Aim of EIA is to assess the overall impact on the environment of development projects proposed by the public and private sectors.

(a) Explain the procedure of preparing on EIA reports.

(15 marks)

(b) Discuss **TWO (2)** benefits of EIA.

(10 marks)

Q2 Most of the construction activities cases a significant impact to the environment and human.

Outline **FIVE (5)** impacts of construction activities to the environment.

(25 marks)

Q3 Quality has been a key issue in Malaysia's construction industry since the late 1980s. ISO 9000 certification is now compulsory for large construction organisation and is an important feature of the industry. Following the global trend, environmental issues are gaining prominence in the country. Where a few construction organisation have been certified with the ISO 14000 standard. It is predicted that this standard will have an impact which is similar to ISO 9000.

Analyse **FIVE (5)** importants of ISO 14000 to Malaysia's construction industry.

(25 marks)

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Q4 Life Cycle Assessment (LCA) is used as a tool to assess the environmental impacts of a product, process or activity throughout its life cycle; from the extraction of raw materials through to processing, transport, use and disposal. In its early days it was primarily used for product comparisons, for example to compare the environmental impacts of disposable and reusable products. Today its applications include government policy, strategic planning, marketing, consumer education, process improvement and product design. It is also used as the basis of eco-labelling and consumer education programs throughout the world.

Contrast two main components of LCA;

- (a) Goal and Scope (10 marks)
- (b) Inventory LCA (15 marks)

-END OF QUESTIONS-

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