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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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

COURSE NAME : ENVIRONMENTAL MANAGEMENT
COURSE CODE : BNA 40203
PROGRAMME CODE : BNA
EXAMINATION DATE : JUNE/JULY 2016
DURATION : 2 HOURS 30 MINUTES
INSTRUCTIONS : ANSWER ALL QUESTIONS

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

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- Q1** (a) Briefly describe on the concept of sustainable development. (4 marks)
- (b) List **THREE (3)** green strategy objectives under the National Policy on the Environment (DASN). (6 marks)
- (c) Demonstrate **FIVE (5)** causes and consequences of the environmental issues in Malaysia as listed below: (15 marks)
- (i) Acid rain
 - (ii) Global warming
 - (iii) Groundwater pollution
- Q2** (a) Explain the meaning of 'waste'. (2 marks)
- (b) Identify **FIVE (5)** benefits of waste minimisation. (5 marks)
- (c) With an aid of a diagram, elaborate on the waste management hierarchy in the Waste Management System. (10 marks)
- (d) Demonstrate **FOUR (4)** approaches that we can implement to reduce the usage of raw materials using the 3R methods as listed below: (8 marks)
- (i) Recycling
 - (ii) Reuse

- Q3** (a) Define Environmental Management System (EMS).
(2 marks)
- (b) Briefly explain **FIVE (5)** benefits of an Environmental Management System.
(5 marks)
- (c) Most of the Environmental Management System are built on the “Plan, Do, Check, Act” Model. Explain in detail this model.
(12 marks)
- (d) Examine the importance of implementing ISO14000 system to an organisation.
(6 marks)

- Q4** (a) What is meant by Environmental Audit?
(2 marks)
- (b) Demonstrate the importance of environmental audit in Environmental Management System.
(5 marks)
- (c) Distinguish the similarities and the differences between Compliance Audit and System Audit.
(6 marks)
- (d) As an Environmental Technologist in an electronic industry, you are required to implement an environmental audit. Propose **EIGHT (8)** areas for environmental audit to your organisation.
(12 marks)

- END OF QUESTIONS-