

**CONFIDENTIAL**



**UTHM**  
Universiti Tun Hussein Onn Malaysia

**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER II  
SESSION 2016/2017**

COURSE TITLE : ENVIRONMENTAL MANAGEMENT  
COURSE CODE : BPD 33002  
PROGRAMME CODE : BPC  
EXAMINATION DATE : JUNE 2017  
DURATION : 2 HOURS  
INSTRUCTION : ANSWER ALL QUESTIONS

**TERBUKA**

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

**CONFIDENTIAL**

UNIVERSITI TUN HUSSEIN ONN MALAYSIA  
JALAN TUN HUSSEIN ONN  
80100 SKUDAI, JOHORE BAHRU  
MALAYSIA  
TEL: 071-886 3000  
FAX: 071-886 3001  
WWW.UTHM.MY

**Q1** According to “A handbook of Environmental Impact Assessment Guidelines” and specific Guideline Books from Department of Environment, 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)** benefits of EIA. (10 marks)

(b) Discuss **FIVE (5)** objectives of EIA. (15 marks)

**Q2** The ISO 14000-Environmental Management is family of standards provides practical tools for companies and organisations of all kinds looking to manage their environmental responsibilities.

(a) Explain ISO 14000. (4 marks)

(b) Discuss **THREE (3)** benefits of implementation ISO 14000 in organisations. (6 marks)

(c) Discuss the process of auditing the environmental management. (15 marks)

**Q3** Life Cycle Assessment (LCA) (ISO 14040) is part of ISO 14000 management system.

(a) Define Life Cycle Assessment. (2 marks)

**TERBUKA**

(b) Discuss the scope of Life Cycle Assessment. (8 marks)

- (c) Explain **THREE (3)** elements in Inventory Life Cycle Analysis (15 marks)

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

- (a) Discuss the components in pollution prevention hierarchy. (10 marks)

- (b) Propose the typical sources of reduction methods. (15 marks)

**TERBUKA**

**-END OF QUESTIONS-**