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Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2013/2014**

COURSE NAME : ENVIRONMENTAL MANAGEMENT
COURSE CODE : BFA 40103/BFA 4103
PROGRAMME : 4 BFA
EXAMINATION DATE : JUN 2014
DURATION : 3 HOURS
INSTRUCTIONS : ANSWER **FOUR (4)** QUESTIONS

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THIS PAPER CONSISTS OF **FIVE (5)** PAGES

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ENGLISH

- Q1** (a) Describe concepts of environmental management. (5 marks)
- (b) Distinguish the roles of Department of Environment (DOE) and Non-government Organizations (NGOs) in environmental policy and education. (8 marks)
- (c) Choose and criticize **TWO (2)** human activities which impact global changes. (12 marks)
- Q2** (a) Define indoor air pollution and give **THREE (3)** examples. (5 marks)
- (b) With aid of diagram, apply waste minimization techniques in a food industry. (10 marks)
- (c) Explain **THREE (3)** elements of waste minimization programs. (10 marks)
- Q3** (a) Define Environmental Management System (EMS) and its scope. (4 marks)
- (b) Relate EMS to pollution prevention. (9 marks)
- (c) Choose an organization and explain the benefits of implementing EMS in the organization. (12 marks)
- Q4** (a) State **THREE (3)** objectives of environmental audit. (3 marks)
- (b) Identify the elements of environmental audit for construction industry. (10 marks)
- (c) Plan an audit for a manufacturer and propose the teams involved in the audit. (12 marks)

- Q5** (a) List **THREE (3)** categories of impact of transportation. (3 marks)
- (b) Based on your answers in **Q5 (a)**, discuss **TWO (2)** impacts of transportation. (10 marks)
- (c) Propose a transportation planning and its elements. (12 marks)
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- Q6** (a) Explain the concepts of environmental assessment. (3 marks)
- (b) Choose a construction project and prepare the Environmental Impact Assessment (EIA) report for that project. (10 marks)
- (c) Predict **FOUR (4)** issues that could be arose if the EIA report happened to be implemented without public involvement. (12 marks)

- END OF QUESTION -

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BAHASA MELAYU

- S1** (a) Terangkan konsep pengurusan alam sekitar. (5 markah)
- (b) Bezakan peranan Jabatan Alam Sekitar (DOE) dan Badan Bukan Kerajaan (NGOs) dalam polisi dan pendidikan alam sekitar. (8 markah)
- (c) Pilih dan kritik **DUA (2)** aktiviti manusia yang memberi impak kepada perubahan global. (12 markah)
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- S2** (a) Takrifkan pencemaran udara dalaman dan beri **TIGA (3)** contoh. (5 markah)
- (b) Dengan bantuan gambarajah, aplikasikan teknik peminimuman sisa dalam industri makanan. (10 markah)
- (c) Jelaskan **TIGA (3)** elemen program peminimuman sisa. (10 markah)
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- S3** (a) Definisikan Pengurusan Alam Sekitar (EMS) berserta skop. (4 markah)
- (b) Kaitkan EMS dengan pencegahan pencemaran. (9 markah)
- (c) Pilih organisasi dan jelaskan kebaikan-kebaikan pelaksanaan EMS dalam organisasi tersebut. (12 markah)
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- S4** (a) Nyatakan **TIGA (3)** objektif audit alam sekitar. (3 markah)
- (b) Kenalpasti elemen audit alam sekitar untuk industri pembinaan. (10 markah)
- (c) Rancangkan audit untuk pengilang dan cadangkan pasukan yang terlibat dalam audit. (12 markah)

- S5**
- (a) Senaraikan **TIGA (3)** kategori impak pengangkutan. (3 markah)
 - (b) Berdasarkan jawapan dalam **S5 (a)**, bincangkan **DUA (2)** daripada impak pengangkutan. (10 markah)
 - (c) Cadangkan perancang pengangkutan berserta elemen-elemennya. (12 markah)
- S6**
- (a) Terangkan konsep penilaian alam sekitar. (3 markah)
 - (b) Pilih suatu projek pembinaan dan sediakan laporan Penilaian Kesan Alam Sekitar (EIA) untuk projek berkenaan. (10 markah)
 - (c) Jangkakan **EMPAT (4)** isu yang akan timbul jika laporan EIA dilaksanakan tanpa penglibatan orang awam. (12 markah)

- SOALAN TAMAT -