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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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

COURSE NAME : NATURE CONSERVATION
COURSE CODE : BNQ 20402
PROGRAMME : 1 BNN
EXAMINATION DATE : JUN 2014
DURATION : 2 HOURS
INSTRUCTION : ANSWER FIVE (5) QUESTIONS
ONLY

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

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- Q1** (a) Define the term 'nature conservation'. In your opinion, give **THREE (3)** reasons why conservation is important to the world?
(4 marks)
- (b) Briefly discuss responsibilities of human as steward in conserving the nature.
(4 marks)
- (c) Briefly discuss the importance of nature conservation to the world and future generation.
(6 marks)
- (d) The only way to prevent environmental problem is to protect the species. Propose **THREE (3)** effective ways on how these species can be protected.
(6 marks)
- Q2** (a) Biodiversity can be explained from three levels- genetic, species and ecosystem. Explain each **ONE (1)** of these biodiversity levels and give relevant examples.
(8 marks)
- (b) There are **SIX (6)** different groups of living things that form biodiversity. Briefly explain each of the groups.
(12 marks)
- Q3** (a) Human activities may cause adverse impact to the environment such as the pollution of the air, water and soil. By choosing **THREE (3)** examples of the related human activities, discuss separately the impact of those activities on the;
- i. Air
 - ii. Water
 - iii. Soil
- (12 marks)
- (b) One of the prominent international environmental conventions is Kyoto Protocol. What is the purpose of this protocol?
(8 marks)

- Q4** (a) 'Quality of life should not be confused with the concept of standard of living'. Based on that term, what does quality of life means and give suitable examples?
(5 marks)
- (b) Briefly discuss the concept of "**waste to wealth**" by giving **THREE (3)** examples of potential in producing energy from waste.
(8 marks)
- (c) Explain the present concept of conservation and elaborate how the concept is related to sustainable development.
(7 marks)
- Q5** (a) Differentiate between *in-situ* and *ex-situ* conservation. Give **ONE (1)** example for each of these methods for conservation.
(4 marks)
- (b) Choose **TWO (2)** examples and discuss the impacts of human activities to marine ecosystem.
(6 marks)
- (c) Briefly discuss **THREE (3)** importance of mangrove and freshwater ecosystems.
(12 marks)
- Q6** (a) One aspect that repeatedly occurs when discussing environmental management is environmental education. What are the objectives of introducing environmental education to young children? Support your answer by giving an appropriate method or techniques to assist the success of environmental education.
(6 marks)
- (b) Define the term 'disaster' and give **TWO (2)** examples each for natural disaster and man-made disaster.
(4 marks)
- (c) There are four principles (4R) in managing a natural disaster: reduction of risk, readiness, response and recovery. Assuming you are about to manage a tsunami, explain briefly how you would carry out each of these principles.
(10 marks)

- END OF QUESTION -