

CONFIDENTIAL



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2018/2019**

COURSE NAME : ENVIRONMENT AND
CONSERVATION
COURSE CODE : BNA 31302
PROGRAMME : BNA
EXAMINATION DATE : JUNE/ JULY 2019
DURATION : 2 HOURS AND 30 MINUTES
INSTRUCTION : ANSWER ALL QUESTIONS

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

CONFIDENTIAL

- Q1**
- (a) Describe **FOUR (4)** ways to conserve nature at the workplace. (6 marks)
 - (b) Differentiate between parasitism and predation. Give **ONE (1)** example for those biological interactions. (5 marks)
 - (c) Summarize the following environment and conservation issues:
 - (i) Engineering Technologist and Sustainable Development
 - (ii) Overpopulation: Causes, Effects and Solutions(14 marks)
- Q2**
- (a) Differentiate between exotic species and endermic species by giving **ONE (1)** example for each. (5 marks)
 - (b) Analyze **THREE (3)** causes of Malaysia river pollution. (6 marks)
 - (c) Examine **THREE (3)** critical issues to be addressed in formulating biodiversity conservation management plan and give **ONE (1)** example each. (9 marks)
 - (d) By giving **ONE (1)** example, assess the challenges of waste to wealth program from being succesfully implimented in Malaysia. (5 marks)
- Q3**
- (a) Ramsar sites are classified under the Convention on Wetlands of International Importance. The mission of the convention is to conserve and ensure the wise use of all wetlands through local and national actions and international cooperation, as a contribution towards achieving sustainable development throughout the world. Suggest **THREE (3)** efficient ways to ensure the Ramsar sites will always be protected and conserved. (6 marks)
 - (b) Analyze on availability and potential of the renewable energies (RE) in Malaysia by giving **TWO (2)** examples of RE. (7 marks)

- (c) Summarize the main threats of the following iconic species of Malaysia.
- (i) The Asian Elephant
 - (ii) The Orang Utan
 - (iii) The Proboscis Monkey

(12 marks)

Q4 On 7th March 2019, an incident of illegal dumping of scheduled was reported happen to one of Malaysia river. As much as 40 tonnes of scheduled waste were expected to be dumped into parts of the river and affected more than 5 km of the river.

- (i) Analyze possible domino accidents that might be involved in this case.
(3 marks)
- (ii) State **FOUR (4)** emergency response services in Malaysia and their function that may include in this case.
(4 marks)
- (iii) Implementation of emergency response is critically important to prevent or at least to minimize the domino accident scenario before it becomes worst. Propose the main steps used to carry out the emergency rescue process.
(18 marks)

- END OF QUESTIONS -