



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER 1
SESSION 2019/2020**

COURSE NAME : NATURE AND CONSERVATION
COURSE CODE : BFC 10202
PROGRAMME CODE : BFF
EXAMINATION DATE : DECEMBER 2019/ JANUARY 2020
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

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

- Q1**
- (a) List and explain the important of **TWO (2)** physical components of earth to human life. (5 marks)
 - (b) Constructs a table with **TWO (2)** examples of environmental issue that affecting communities in Malaysia with the name of location, nature of industry, socio impact, community's pledge and advocating NGO. (5 marks)
 - (c) Explain **THREE (3)** differences with example between sustainable water usages and conventional practice. (6 marks)
 - (d) Diversity of biodiversity is important. Justify this statement based on the utilitarian and aesthetical values of diversity. (4 marks)
- Q2**
- (a) Explain **TWO (2)** techniques for minimizing the impacts of marine oil spills. (5 marks)
 - (b) Explain **TWO (2)** types of noise pollution. (5 marks)
 - (c) Explain the environmental problems caused by the release of carbon dioxide. (6 marks)
 - (d) Describe the impact of high concentration of nitrates and phosphates that can effect the plant and animal populations in the river. (4 marks)
- Q3**
- (a) Describe **TWO (2)** activities can be done by yourself to obtain healthy environment in term of no harmful hazard to environment. (5 marks)
 - (b) Explain briefly hydroelectric power and solar power. Name **ONE (1)** existing plant in Malaysia for each. (5 marks)
 - (c) Illustrate the anaerobic digestion in managing waste as a sustainable approach. (6 marks)
 - (d) Justify the significance of rainwater harvesting for a house supplied with treated water supply. (4 marks)

- Q4**
- (a) Describe the concepts of conservation. (5 marks)
 - (b) Explain **ONE (1)** practical example of successful conservation in Malaysia. (5 marks)
 - (c) Point out the advantage or disadvantage of in-situ and ex-situ conservations and include an example for each conservation method. (6 marks)
 - (d) Recommend an approach to overcome threats to limestone caves. (4 marks)
- Q5**
- (a) Discuss briefly Environmental Ethics. (5 marks)
 - (b) Explain briefly **FIVE (5)** components of Environmental Education. (5 marks)
 - (c) Identify **SIX (6)** benefit of Environmental Education. (6 marks)
 - (d) Debate briefly **TWO (2)** simple ways to protect the environment. (4 marks)

-END OF QUESTIONS –

TERBUKA