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Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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

COURSE NAME : NATURE CONSERVATION
COURSE CODE : BFC10202
PROGRAMME CODE : BFF
EXAMINATION DATE : DECEMBER 2018 / JANUARY 2019
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

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

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- Q1**
- (a) Describe about the soil and its function. (2 marks)
 - (b) Define what is meant by biodiversity. (3 marks)
 - (c) Distinguish the link between built and natural environment. (3 marks)
 - (d) Predict what will happen to the living organism if the development is done without environmental concern. (6 marks)
 - (e) Discuss **THREE (3)** importances of standard and guideline in controlling the environmental degradation. (6 marks)
- Q2**
- (a) State **THREE (3)** impacts of over population. (3 marks)
 - (b) Explain the health effects due to environmental pollution. (5 marks)
 - (c) Discuss the impact of the following human activities on natural environment.
 - (i) Town development (4 marks)
 - (ii) Mining activities (4 marks)
 - (iii) Industrial activities (4 marks)
- Q3**
- (a) State **FOUR (4)** human needs. (4 marks)
 - (b) Explain briefly **TWO (2)** types renewable energy being produced actively in Malaysia. (6 marks)
 - (c) Explain **TWO (2)** benefits of composting. (5 marks)
 - (d) Explain **TWO (2)** examples of sustainable lifestyle. (5 marks)

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- Q4** (a) Discuss briefly the concept of conservation for nature. (3 marks)
- (b) State **THREE (3)** items when formulating a management plan for any ecosystem. (3 marks)
- (c) Ramsar site is a wetland of international importance.
- (i) Describe the importance of ramsar site to Malaysia. (3 marks)
- (ii) List out **THREE (3)** ramsar sites in Malaysia. (3 marks)
- (d) Deforestation is the act of forest clearing for urban development. As a project engineer, analyse **TWO (2)** associated challenges during the project and suggest the conservation method to sustain the future environment. (8 marks)
- Q5** (a) As a future civil engineer involves in the development project you will be exposed to changing natural environment. Suggest **FOUR (4)** activities that could be done in maintaining natural environment. (3 marks)
- (b) Discuss **TWO (2)** challenges in maintaining a well-being natural conservation. (4 marks)
- (c) Define briefly an environmental education. State **THREE (3)** importances of environmental education in conservation. (5 marks)
- (d) Explain in detail any **TWO (2)** of economic issues related to nature conservation. (8 marks)

-END OF QUESTIONS -

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