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**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

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

COURSE NAME : NATURAL AND BUILT  
HERITAGE

COURSE CODE : BWJ 31703

PROGRAMME CODE : BWW

EXAMINATION DATE : JUNE / JULY 2019

DURATION : 3 HOURS

INSTRUCTION : ANSWER ALL QUESTIONS

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

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- Q1**
- (a) Define “Heritage” and give **TWO (2)** examples of UNESCO World natural heritage sites in Malaysia. (4 marks)
  - (b) Discuss **THREE (3)** events that led to the diverse culture in Malaysia. (6 marks)
  - (c) Illustrate the basic process of photosynthesis and discuss how climate change affects this process. (4 marks)
  - (d) Compare **THREE (3)** differences between the tropical forest abiotic components and deserts abiotic components. (6 marks)
- Q2**
- (a) Discuss **TWO (2)** importance of the Sultan in the traditional Malay culture. (4 marks)
  - (b) Demonstrate the changes in the traditional Malay social structure before and after the arrival of Islam. (6 marks)
  - (c) Analyze and discuss **THREE (3)** design elements of the Malays vernacular house that are still implemented until today. (6 marks)
  - (d) In your own word, how would you describe Malaysian architectural style? (4 marks)
- Q3**
- (a) List **TWO (2)** common features of a mosque and illustrate its basic layout. (6 marks)
  - (b) Discuss **THREE (3)** similarities in terms of the architectural development between the Peninsular *Orang Asli* and the indigenous ethnics in Sabah and Sarawak. (6 marks)

- (c) The architecture development of the indigenous communities in Sarawak are heavily influenced by the geographical factor, safety and beliefs of the communities. List **TWO (2)** main ethnic groups in Sarawak and assess **THREE (3)** sustainable elements of their indigenous architectural style.
- (8 marks)

- Q4** (a) Analyze **THREE (3)** Chinese architectural characteristics that were adopted in the Melaka traditional house.
- (6 marks)
- (b) One of the most common architectural styles from the British colonization period is the Neo-classical style. Review **THREE (3)** its main features that made this style so popular especially for administration buildings.
- (6 marks)
- (c) Formulate **FOUR (4)** strategies to raise public awareness on the importance of preserving one's identity and culture in the built environment.
- (8 marks)
- Q5** (a) Analyze and discuss **THREE (3)** elements that are vital to be controlled in order to ensure museum specimens are kept in its best conditions.
- (6 marks)
- (b) Evaluate **TWO (2)** deterioration agents that could harm museum specimens and suggest **ONE (1)** way to best treat any damage on the specimens.
- (6 marks)
- (c) As a biodiversity student, you are required to conduct an exhibition display on the biodiversity of Endau Rompin for an event that will be held in UTHM Pagoh. Formulate **FOUR (4)** main steps necessary to prepare for the exhibition.
- (8 marks)

- END OF QUESTIONS -