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Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(ONLINE)
SEMESTER II
SESSION 2019/2020**

COURSE NAME : ARCHITECTURAL PROJECT
MANAGEMENT
COURSE CODE : BFR 32302
PROGRAMME CODE : BFR
EXAMINATION DATE : JULY 2020
DURATION : 4 HOURS
INSTRUCTION : ANSWER ALL **FOUR (4)**
QUESTIONS ONLY

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

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- Q1**
- (a) List **FIVE (5)** points project manager's role in building construction. (5 marks)
 - (b) Illustrate a project management organization chart that consists of a multi-discipline consultant. (5 marks)
 - (c) Select **FIVE (5)** roles of a multi-discipline consultant in a construction project. (5 marks)
 - (d) As a project manager, you have received complaints from client that one of your consultants did not perform well during the pre-contract stage. Discuss the next steps to prevent your client from delaying the preparation of contract document. (6 marks)
 - (e) Discuss with your client the implication of a non-performing multi-discipline consultant that may affect your targeted project completion (4 marks)
- Q2**
- (a) List **FIVE (5)** basics of the architectural scope of works under the architectural project management context. (5 marks)
 - (b) Explain your understanding of the fundamental architectural scope of work which commonly practiced under the architect's scope of work. (8 marks)
 - (c) A client appointed you as a project manager for his bungalow project in Parit Raja, Batu Pahat. As a project manager advise him the following:
 - (i) Professional consultant to be appointed and their primary scope of work. (4 marks)
 - (ii) Architect's duties under the building law. (4 marks)
 - (iii) Comparison between open tender and selective tender. (4 marks)
- Q3**
- (a) Identify **FIVE (5)** principles of management functions that practically applying in building construction. (5 marks)

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- (b) What are the importance and features of 'Planning' as an initial stage of management function. (8 marks)
- (c) Analyse how the following management functions are supposed to be carried out in the aspect of construction materials and human resources.
- (i) Organizing (4 marks)
 - (ii) Directing (4 marks)
 - (iii) Controlling (4 marks)

- Q4** (a) In project management, different project managers have various definition of success depending on their experience, knowledge and context they work. Describe the definition of the following elements in building construction context.
- (i) Quality management (3 marks)
 - (ii) Time management (3 marks)
 - (iii) Cost management (3 marks)
- (b) Elaborate the advantages and disadvantages of the project scheduling technique below.
- (i) Gantt chart (3 marks)
 - (ii) Critical path method (3 marks)
 - (iii) Program evaluation and review technic (PERT) (3 marks)
- (b) Discuss which project scheduling techniques that are more interesting and important for a large-scale project, give the reason. (7 marks)

-END OF QUESTIONS -