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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(ONLINE)
SEMESTER II
SESSION 2020/2021**

COURSE NAME : ARCHITECTURE PROFESSION AND
CONSTRUCTION INDUSTRY

COURSE CODE : BFR10402

PROGRAMME CODE : BFR

EXAMINATION DATE : JULY 2021

DURATION : ~~3 HOURS~~ *2 1/2*

INSTRUCTION : ANSWER **FOUR (4)** QUESTIONS
ONLY

THIS QUESTION PAPER CONSISTS OF **FOUR (4)** PAGES

TERBUKA

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- Q1** (a) You have just graduated with Bachelor of Science in Architecture (Part I) from Universiti Tun Hussein Onn Malaysia (UTHM). You came across an advertisement on Facebook from NHR Architect (sole-proprietor company) located in Batu Pahat seeking for new Assistant Architect cum Designer.
- (i) Explain **THREE (3)** Roles and Responsibilities of Assistant Architect in Sole Proprietor Architecture Firm. (3 marks)
 - (ii) Outline a Letter of Application for the advertised position in the Architectural Company. The letter must include an introductory paragraph, a main body and a closing of the letter. (9 marks)
 - (iii) State **FIVE (5)** most important points in writing a good resume for job application as Assistant Architect to an Architectural Firm. (5 marks)
- (b) Discuss the roles and responsibilities of the following professions in building industry:
- (i) Architectural Technologist. (2 marks)
 - (ii) Architectural Project Manager (2 marks)
- (c) State **FOUR (4)** others architectural related careers that you can pursue as an Architectural Graduates (LAM Part 1). (4 marks)
- Q2** (a) The architectural profession is governed by the Architect's Act 1967 and it is executed by the Board of Architect Malaysia (LAM).
- (i) List and explain **FOUR (4)** types of architectural professional practices approved by the Board of Architect Malaysia (LAM). (12 marks)
 - (ii) State the other profession which the Board of Architect's approved as members of a Multi-disciplinary Practices. (4 marks)
- (b) Elaborate the **THREE(3)** key players of the building team in respect to their scope of works. (9 marks)

Q3 Project Title:
CADANGAN MEMBINA DAN MENYIAPKAN SEBUAH SEKOLAH BANDAR SAUJANA PUTRA 26 YANG MENGANDUNGI 24 BILIK DARJAH DAN KEMUDAHAN BERKAITAN DI ATAS LOT 10506, MUKIM PUCHONG, DAERAH PETALING, SELANGOR DARUL EHSAN UNTUK KEMENTERIAN PENDIDIKAN MALAYSIA.

Project Title:

PROPOSED CONSTRUCTION AND COMPLETION OF A BANDAR SAUJANA PUTRA 26 SCHOOL INCLUSIVE OF 24 CLASSROOMS AND OTHER RELATED FACILITIES ON A LOT 10506, MUKIM PUCHONG, PETALING DISTRICT, SELANGOR DARUL EHSAN FOR THE MINISTRY OF EDUCATION MALAYSIA.

The above statement is the title of a project being carried out by the Architectural Firm which is located in Kuala Lumpur, where you work. The firm has been assigned you as an architect to continue and handling the project.

- (a) Explain the next submission process for building plan approval to the Local Authority after completed the design and the working drawings. (5 marks)
- (b) You are replacing your Principal Architect to chair the technical meeting of the school project which is scheduled to be in a week's time. Prepare a draft of a minute meeting that includes the client, and all the key players in the project scope of job. (10 marks)
- (c) Project implementation is a tedious process. List the **FIVE (5)** basic spectrum of the project implementation. (5 marks)
- (d) Under the Code of Ethics of Professional Architect, Architects are prohibited to advertised their practices in media, such as, local newspaper, and televised advertisement. Demonstrate how you market your architectural practices. (5 marks)

Q4 You are responsible for the current construction of a public building, and during the construction on site, the actual construction period was delayed by 15% by the last month of completion date. Site possession was 1st January 2020 and completion date was 31st December 2020. By 30th November 2020 actual percentage of completion is 85%.

- (a) List and elaborate any **THREE (3)** types of building contracts available in Malaysia. (6 marks)
- (b) Explain the actions can be taken by the contractor based on PAM form of Contract (2006) of the above situation. Discuss the Justification. (15 marks)



- (c) List any **FOUR (4)** key players or parties involved in the PAM form of Contract (2006) for a private school project.

(4 marks)

- END OF QUESTIONS -