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UTHM

Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESI 2021/2022**

- COURSE NAME : ARCHITECTURE PROFESSION AND CONSTRUCTION INDUSTRY
- COURSE CODE : BFR 10402
- PROGRAMME CODE : BFR
- EXAMINATION DATE : JULY 2022
- DURATION : 2 HOURS
- INSTRUCTION
1. ANSWER ALL QUESTIONS.
 2. THIS FINAL EXAMINATION IS CONDUCTED VIA **CLOSED BOOK**.
 3. STUDENTS ARE **PROHIBITED** TO CONSULT THEIR OWN MATERIAL OR ANY EXTERNAL RESOURCES DURING THE EXAMINATION CONDUCTED VIA CLOSED BOOK

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

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TERBUKA

- Q1** You just graduated from Universiti Tun Hussein Onn Malaysia (UTHM) with a Bachelor of Science in Architecture (Part I) and are actively seeking employment. AKS Architect is currently recruiting an Architectural Assistant.
- (a) List **FIVE (5)** important points in writing a good resume for the job application. (5 marks)
 - (b) Explain the importance of providing a good application letter AND having a good portfolio in the job application. (10 marks)
 - (c) Explain **FIVE (5)** roles and responsibilities of Architectural Assistant in the architecture firm. (10 marks)
- Q2**
- (a) Identify **EIGHT (8)** other related careers that you can pursue as an architectural (LAM Part I) graduates. (8 marks)
 - (b) Generally, ten staff are required to establish an architecture firm's office. Identify **SEVEN (7)** of the following positions. (7 marks)
 - (c) Draw a chart of the architecture team and its interrelationship between the design team and the construction team. (10 marks)
- Q3**
- (a) The objective of the Code of Professional Conduct is to promote professionalism and self-discipline required for an Architect.
 - (i) Architects are prohibited to advertise their practices in printed or broadcast media. Demonstrate your strategy to promote your architectural practices. (6 marks)
 - (ii) Explain the effects if the architect is unable to comply with acts and rules. (6 marks)
 - (b) Explain **FOUR (4)** architectural consultancy services provided by a professional architecture practice. (8 marks)
 - (c) During planning permission application, approvals from government agencies are required. Identify **FIVE (5)** agencies involved. (5 marks)

Q4 Figure 1 shows the title of a project carried out by the AKS Architect. The firm has assigned you to continue and complete the project as an Architectural Assistant.

- (a) Name **FIVE (5)** items required in a site plan drawing. (5 marks)
- (b) Define the scope of works of the following building team players:
- (i) Principal Architect
 - (ii) Draughtsman
 - (ii) Quantity Surveyor
 - (iii) Structural Engineer
 - (iv) Mechanical and Electrical Engineer (10 marks)
- (c) Explain through diagram the general process of development approval before the construction of the project is permitted. (10 marks)

– END OF QUESTIONS –


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FIGURE 1


PROJECT:
PROPOSED CONSTRUCTION AND COMPLETION OF 10 UNITS OF 2 STOREY COMMERCIAL LOTS ON A LOT 4110, MUKIM BANDAR DARUL AMAN, JITRA, KUBANG PASU, KEDAH DARUL AMAN FOR CHIN HIN (JITRA) SDN. BHD.

OWNER:

CHIN HIN (JITRA) SDN. BHD.
223, JALAN GANGSA, KAWASAN PERUSAHAAN MERGONG II, 05150 ALOR SETAR, KEDAH DARUL AMAN.

ARCHITECT:

AKS ARCHITECT
138, JALAN TUN DR. ISMAIL, BANDAR SEREMBAN, 70200 SEREMBAN, NEGERI SEMBILAN.

C&S ENGINEER:

PEMBINAAN SERTA HEBAT SDN. BHD.
LOT 25067, TAMAN MELAWATI UTAMA, SETAPAK, 53100 KUALA LUMPUR, WILAYAH PERSEKUTUAN KUALA LUMPUR

M&E ENGINEER:

EXCEL M&E SDN. BHD.
JALAN SEELONG, MUKIM SENAI, 81400 SENAI, JOHOR DARUL TAKZIM

CONTRACTOR:

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