

FINAL

ALTERNATIVE ASSESSMENT

(COVER PAGE)

Session : April 2020

Programme : Diploma In Quantity Surveying (DQS)

Course : EGK1111 : Introduction to Quantity Surveying

Date of Examination : August 6, 2020 (Thursday)

Time : 12:00 pm – 2:30 pm Reading Time : Nil

Duration : 2 hours 30 mins

Special Instructions :

Answer ALL FOUR (4) questions.

Material permitted : Nil

Materials provided : Nil

Examiner(s) : Dr Wan Suhaila Binti Wan Rani & Marshitah Abdullah Bayanoeddin

Chief Moderator : Muhammad Ariffuddin Bin Arifin

DIPLOMA IN QUANTITY SURVEYING PROGRAMME (DQS)
EGK1111: INTRODUCTION TO QUANTITY SURVEYING
FINAL ALTERNATIVE ASSESSMENT: APRIL 2020 SESSION

Instructions: This paper consists of **FOUR (4)** questions and answer **ALL** questions. Each question carries 25 marks.

Question 1

- (a) List **SIX (6)** purpose of an architectural drawing in the construction of a building. (6 marks)
- (b) Discuss **FIVE (5)** roles of Mechanical & Electrical Engineer for the building services scope. (10 marks)
- (c) List **FIVE (5)** types of land surveys conducted by Land Surveyor. (5 marks)
- (d) Illustrate the construction project management triangle as a project success factor need to be achieved by a contractor. (4 marks)

Question 2

John attempts to understand the management of construction by organizing the study based on the project life cycle. He tries to identify six phases in the construction project life cycle, where he understood that each phase has its purposes and characteristics.

Help John to understand by illustrating 6 important phases of the construction project life-cycle and describe each phase characteristics.

(25 marks)

Question 3

- (a) Anas is a quantity surveyor in a contractor's company. The company has to submit a tender document for a project in 14 days. Discuss what is the basis that he has to consider when pricing Bills of Quantities (BQ) in the tender document. (15 marks)
- (b) Identify **FIVE (5)** basic roles and responsibilities which Anas has to perform if his company is awarded the tender. (5 marks)
- (c) Anas's company faces disputes in projects they are involved. Identify the disputes resolution option in which can be adopted. (5 marks)

Question 4

- (a) BIM uptake among the Quantity Surveyors (QS) is still slow in Malaysia despite its benefits to the construction industry. Discuss the needs of BIM in the QS profession (20 marks)
- (b) QS has options to prepare bills of quantities in different formats. Identify **FIVE (5)** available formats. (5 marks)

-THE END-

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