

**FINAL****ALTERNATIVE ASSESSMENT**

Examination Paper

(COVER PAGE)

Session : August 2020

Programme : Diploma In Quantity Surveying (DQS)

Course : EGK1111 : Introduction to Quantity Surveying

Date of Examination : December 16, 2020 (Wednesday)

Time : 8.00am – 10.30am Reading Time : Nil

Duration : 2 Hours : 30 Minutes

**Note:** 30 minutes is added into the duration of the examination to factor in any connectivity matters and for you to scan and upload your scripts.

**Special Instructions :**

This paper consists of **FOUR (4)** questions. Answer **ALL** the questions. **Write ALL your answers** in the foolscap papers.

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Materials permitted : Nil

Materials provided : Nil

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

Chief Moderator : Mr Muhammad Ariffuddin Arifin

*This paper consists of 3 printed pages, including the cover page*

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

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

**Question 1**

"The main contractor and sub-contractors (i.e. domestic sub-contractor and nominated subcontractor) are the parties who play an important role in the construction phase and they are obligated to complete a project according to cost, quality and time as stated in the contract document".

- (a) Distinguish the difference between 'main contractor' and 'sub-contractor', and draw a diagram to illustrate their relationship. (15 marks)
- (b) Describe **FIVE (5)** mutual benefits to a client if using 'domestic subcontractors' for their project. (10 marks)

**Question 2**

- (a) Today's construction industry has seen many changes and innovations in methods and modes of construction. Therefore, the Bills of Quantities (BQ) is an efficacious communication and cost controlling tool for the benefit of better management and effective monitoring of the works.

Outline **FOUR (4)** benefits of BQ for both construction parties namely client's representatives and main contractors in carrying out their role in the construction industry. (12 marks)

- (b) Define these terms; (i) mediation, (ii) adjudication, and (iii) arbitration, and draw a diagram to illustrate their process in the dispute resolution in the construction industry. (13 marks)

**Question 3**

- (a) A client wishes to build an office building with carpark and seeks your advice in the tender preparation. Explain the format available to prepare the Bills of Quantities (BQ).  
(20 marks)
- (b) List **FIVE (5)** content of the BQ that you would prepare for the project.  
(5 marks)

**Question 4**

“Measurement in construction is the transformation of drawn data into description and quantity information and is not just about a Quantity Surveyor (QS) producing a bill of quantities.”

- (a) Explain **EIGHT (8)** importance of pre-contract measurement.  
(20 marks)
- (b) Define “Supplementary Estimate”.  
(5 marks)

**-THE END-**

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