



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2015/2016**

COURSE NAME	:	CONTRACT PROCEDURES AND ESTIMATIONS/CONSTRUCTION CONTRACT AND PROCUREMENT
COURSE CODE	:	BNP20602/BNP21203
PROGRAMME CODE	:	BNC
EXAMINATION DATE	:	JUNE/JULY 2016
DURATION	:	2 HOURS 30 MINUTES
INSTRUCTION	:	ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF FIVE (5) PAGES

- Q1**
- (a) Acceptance can be divided into **THREE (3)** types. Discuss **TWO (2)** types of acceptance with suitable examples. (6 marks)
 - (b) Explain **TWO (2)** conditions at which the person is competent to contract based on Section 11, Contracts Act 1950. (5 marks)
 - (c) State **THREE (3)** objective of Housing and Development Act 1966 and Uniform Building By Law. (6 marks)
 - (d) Explain **FOUR (4)** way where an offer may be terminated. (8 marks)
- Q2**
- a) Discuss **THREE (3)** methods of contract termination. (6 marks)
 - b) What is the difference between the responsibilities of Malaysia Construction Industry Development Board (CIDB) and the Pusat Khidmat Kontraktor (PKK). (4 marks)
 - (c) Professor Roslan who specializes in the field of chemical intends to build a bungalow with an estimated cost of RM 5 bilion. Discuss the appropriate type of contract for this project. (10 marks)
 - (b) Calculate the total cost of a bungalow project using Percentage of Cost Plus Fee Contracts with the following data given:
 - (i) Cost of materials RM 400,000.00
 - (ii) Labor costs RM 300,300.00
 - (iii) The cost of plant and equipment RM 95,000.00
 - (iv) Overhead 10%
 - (v) Profit 15%(5 marks)

- Q3** (a) Syarikat Alam Maya was selected in an open tender for the construction of a sports complex worth RM 20 million. Explain **FIVE (5)** tender evaluation criteria which enable the company to successfully overcome the other tenderers. (10 marks)
- (b) Give the comparison below:
- (i) Letter of intent and the letter of acceptance
 - (ii) Tender Document and Document Contract
 - (iii) Provisional Sum and Prime Cost Sum.
 - (iv) Nominated Sub-Contractor and Nominated Supplier.
 - (v) Contractor All Risk's and Performance Bond. (10 marks)
- (c) Dinar Maju has started the project at 06/07/2014 and the contracts with the clients Arifah. The time period of the contract is 52 weeks. However Contractor Maju failed to complete the project within the specified period for certain reasons. Dinar Maju has appealed to apply for an extension of time from Client. As an employee for Dinar Maju, give **FIVE (5)** reasons that may be used in the extension of time (5 marks)
- Q4** (a) State **FIVE (5)** purposes of Bill Quantity. (5 marks)
- (b) Based on **FIGURE Q4 (a, b, c)**, calculate the cost of building based on floor area method. (5 marks)
- (c) Based on **FIGURE Q4 (a, b, c)**, calculate the quantity for the element below:
- (i) Reinforcement bar and concrete for pad footing. (5 marks)
 - (ii) Links for ground beam. (4 marks)
 - (iii) Formwork for stump and ground beam. (6 marks)

- END OF QUESTION -

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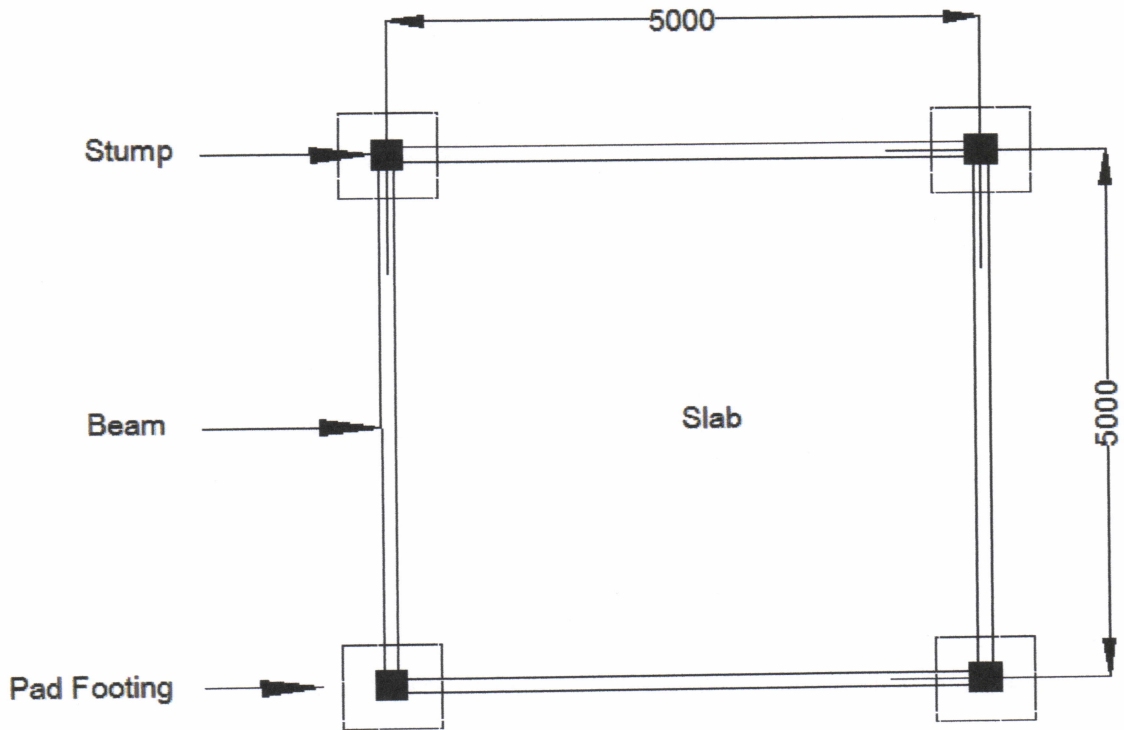


FIGURE Q4 (a) GROUND FLOOR PLAN VIEW

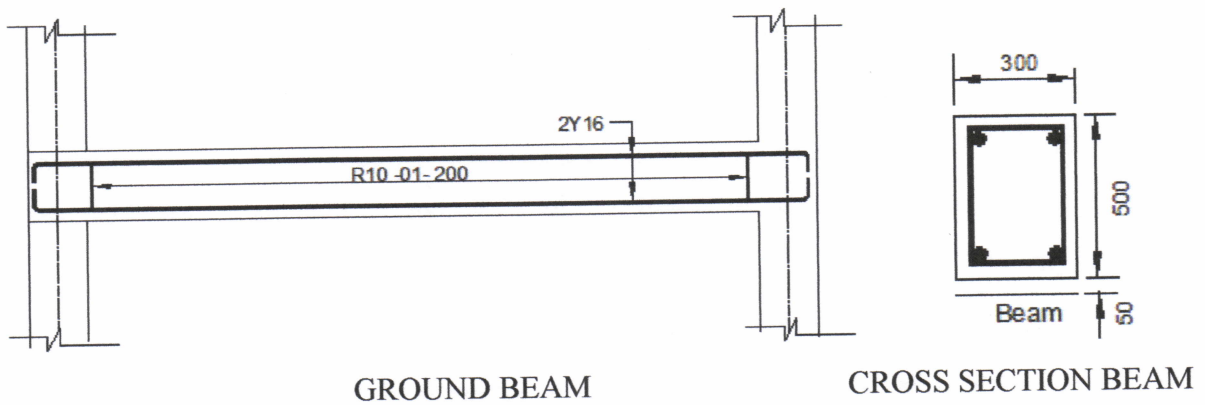


FIGURE Q4 (b)

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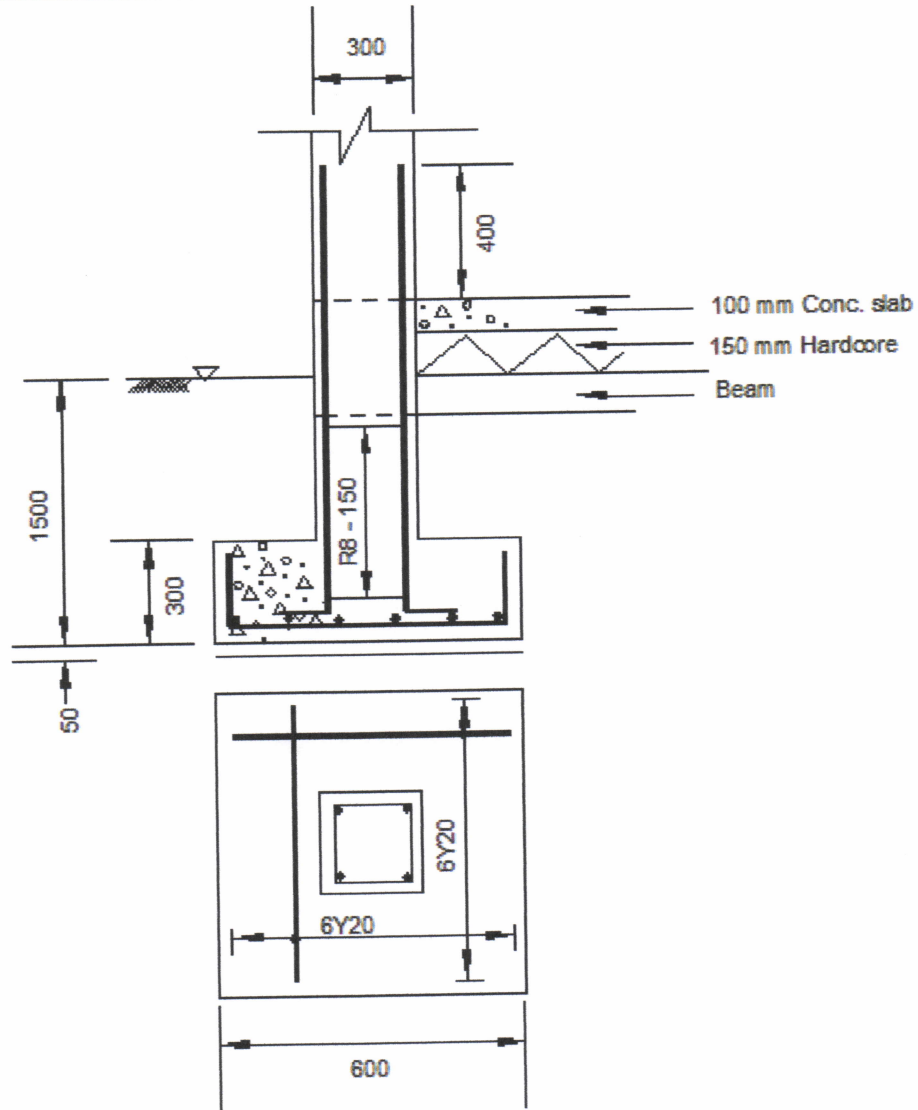


FIGURE Q4 (c) : CROSS SECTION AND PLAN FOR PAD FOOTING

Notes for Q4 (b and c):

- Concrete cover for pad footing, column stump and ground beam - 40 mm thick.
- Lean concrete – grade 7
- Concrete for pad footing, column stump and ground beam - Grade 30
- The wall thickness is 336 mm
- The cost of the building is RM 2,200/m²