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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2013/2014**

COURSE NAME : CONTRACT AND ESTIMATIONS
COURSE CODE : BFC 31602
PROGRAMME : 4 BFF
EXAMINATION DATE : JUNE 2014
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF SIX (6) PAGES

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- Q1** Figure **Q1** shows the sectional elevation and plan view of a Reinforced Concrete Column (R.C. C). Calculate the quantities of steel used in the column in kilogram (kg).
(25 marks)
- Q2**
- (a) Briefly discuss the difference between contract and law.
(5 marks)
 - (b) Discuss **FOUR (4)** of basic elements that are necessary for the creations of a legally binding and an enforceable contract.
(8 marks)
 - (c) In order to ensure the effective delivery of contract, the items in the contract should be communicate effectively between parties. Discuss on the communication of an offer and acceptance by post and give an illustration to support your answer.
(8 marks)
 - (d) State **TWO (2)** type of offers in contract formation.
(4 marks)
- Q3**
- (a) State **THREE (3)** conditions at which the person is competent to contract based on Section 11, Contracts Act 1950.
(3 marks)
 - (b) Consideration can be divided into three (3) parts. Discuss all the **THREE (3)** types of consideration with suitable examples.
(6 marks)
 - (c) Lists all the **SIX (6)** criteria of an acceptance in contract law.
(6 marks)
 - (d) Based on Figure **Q3**, discuss why did the case falls into legal offer but not as an invitation to treat.
(10 marks)

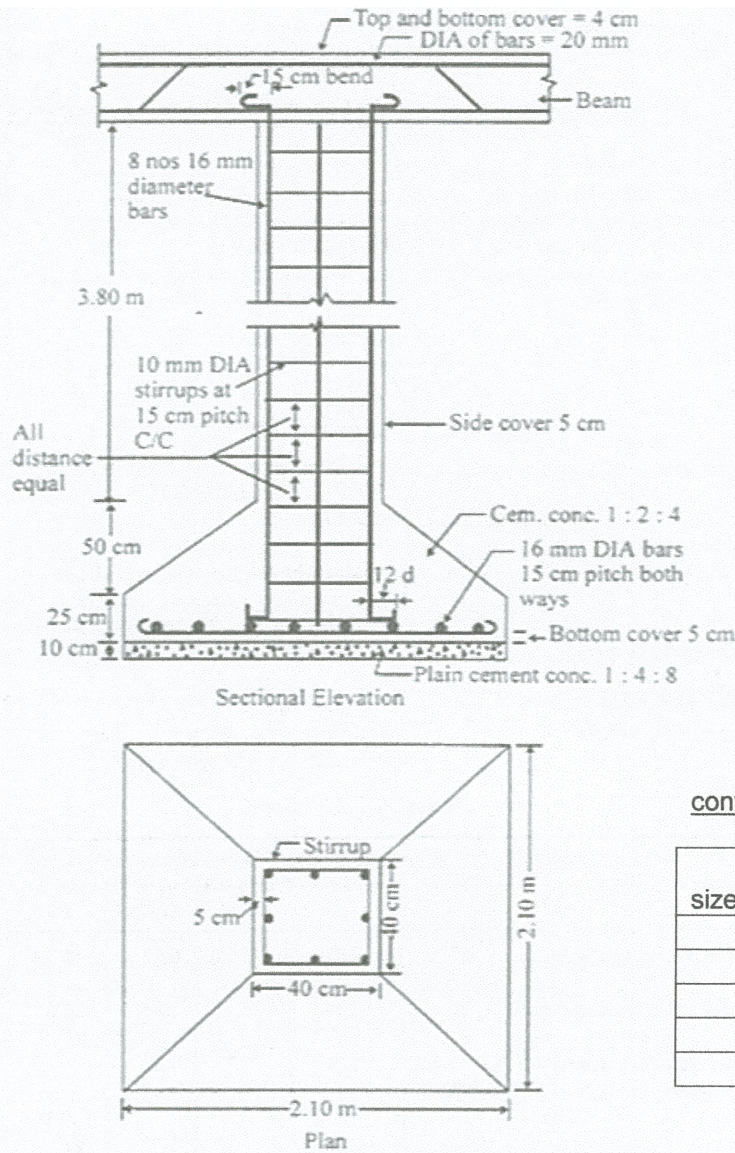
- Q4** (a) Tender is a corporate finance term denoting a type of takeover bid. In construction, tender can be performed either by open competitive, negotiated or selective manners.
- (i) Give **TWO (2)** reasons on the purpose of tendering in construction.
(4 marks)
 - (ii) Discuss **TWO (2)** advantages and disadvantages on performing construction project using an open tender compare with selective tender.
(6 marks)
- (b) Figure **Q4** shows the detail drawing for a wall 4 meters long. Find the quantities for the following items;
- (i) Earthwork excavation in foundation up to ground level in cubic metre (m^3).
(5 marks)
 - (ii) Cement concrete (1:8:16) in foundation in cubic metre (m^3).
(5 marks)
 - (iii) Total nos. of bricks for the wall construction if the face dimension of the brick is 0.075m x 0.225m.
(5marks)

-END OF QUESTIONS-

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conversion table for round bar

size (mm)	mass per unit length (kg/m)
06	0.22
10	0.62
12	0.89
16	1.58
20	2.47

Figure Q1: Plan View and Sectional Elevation for R.C.C. Column

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Figure Q3: Carlil v. Carbolic Smoke Ball Company Advertisement

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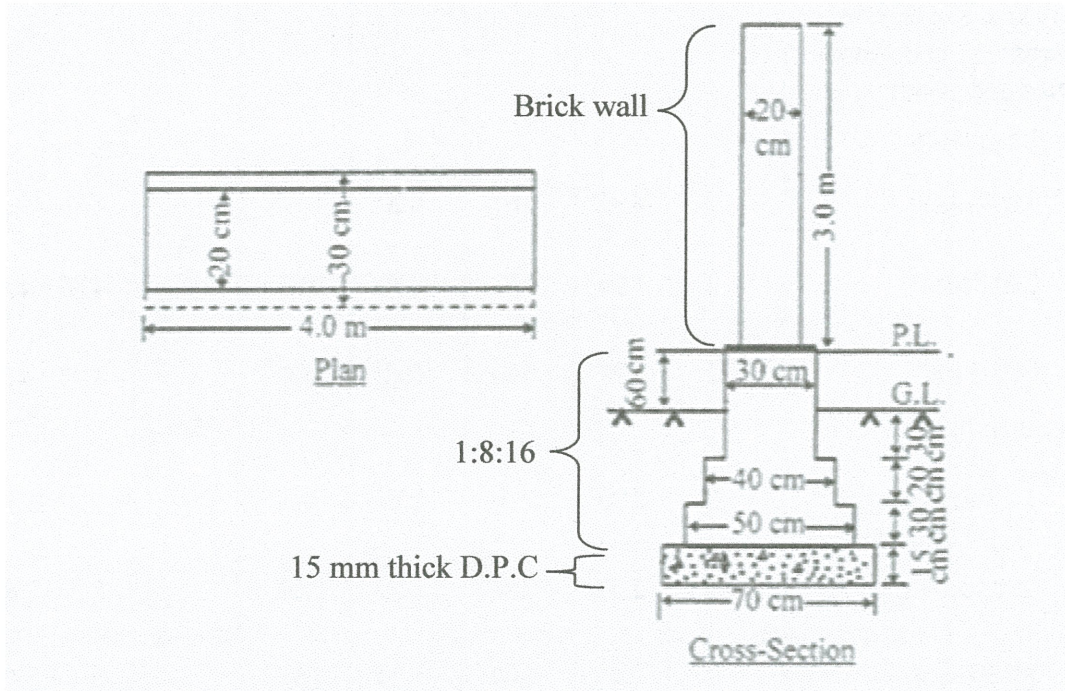


Figure Q4: Plan View and Cross-Section for Column Construction.