



**Faculty of Electrical & Electronics Engineering
Low Voltage Electrical Installation**

Name: _____

ID No. : _____

Section: _____

Date: ____/____/2017

(Failed to complete all the particulars above will be penalized 2 marks)

QUIZ 7

Rahman Enteprise, a bakery shop owner in Petaling Jaya requests a license from Tenaga National Berhad (TNB) to do an installation of electrical wiring system of 415V/50Hz in order to support 15 kW of his shop’s load. For this installation, an assigned wireman claims that he needs to pull 20 m of cable from the main distribution board to his ovens. Thus, please calculate the thinnest size of cable that he can used based on the IEE regulation standard. You may refer **table 4D1B in Module 6.**

[10 marks]

