

INTENSIVE MATHEMATICS (PBM1035)
Session December 2017
MODEL EXAM PAPER (QUESTION 3)

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working. You may use a non-programmable scientific calculator.

Question 1

Find the value of x for the following equations.

(a) $(2x - (y + 10)) = -5$, given $x = -1$

(b) $(2x - y) - (-y - 4) = -5$, given $x = -2$

Question 2

Solve the simultaneous linear equation by using elimination method.

$$y = x - 1$$

$$y = 9 - 4x$$

Question 3

Find the simple interest and total amount after three years for a total of deposit RM2600 in a bank with a simple interest rate of 12% per annum.

Question 4

RM7300 is deposited into a bank account by John with the annual interest rate of 7% and compounded once a year. Find the amount he will have after 3 years.