		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		END OF CHAPTER 1	
KEMENTERIAN PENDIDIKAN TINGGI	KUCHING SARAWAK	SESSION		DECEMBER 2017	
JABATAN MATEMATIK, SAINS DAN KOMPUTER				CLO1	10 MARKS
NAME		DURATION	60 MINS	CLO2	
REGISTRATION NO.				CLO3	
PROGRAMME/ SECTION	IPP1		TOTAL MARKS		10 MARKS

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

Question 1 [CLO1, C1]
In each case, make x the subject of the formula. Simplify your answers if possible.
   (a) $2y - x - (x - 2) = 10$
   (b) $\left(\frac{x - b^2}{b}\right) = 4c$

[2 marks]

Question 2 [CLO1, C2]
Solve the equations.
$$\frac{3x - 6}{3} - 5 = -10$$

[2 marks]

Question 3 [CLO1, C2]
A bank offers a simple interest rate of 7% per annum. John deposits RM14000 in the bank. Calculate the interest that he will receive after three years.

[2 marks]

Question 4 [CLO1, C3]
RM8000 is deposited into a bank account by Pete with the annual interest rate of 5% and compounded once a year. Calculate the amount he will have after five years.

[2 marks]

Question 5 [CLO1, C2]
Solve the simultaneous linear equation by using elimination method.
$$2x - y = 4$$
$$2x - 3x = -2$$

[2 marks]

~ END OF QUESTIONS ~