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, C2   [2 marks]

(a) Make x the subject for the formula $y = mx + c$.

CLO1, C2   [2 marks]

(b) Calculate the value of c if given $m = -5, x = -2$ and $y = 3$.

Question 2

CLO1, C2   [4 marks]

Identify the value of x and y by solving the simultaneous equations below using substitution method.

$$2x - 3y = 5$$
$$2x - 4y = -2$$

Question 3

CLO1, C3   [2 marks]

If the present value of my investment is RM2500 and the rate of interest is 2% compounded annually, what will the value be after 15 years?