

Rusydi 08/PP18F2022

 KEMENTERIA PENDIDIKAN MALAYSIA		 POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		END OF CHAPTER 1	
				SESSION		DECEMBER 2018	
				JABATAN MATEMATIK, SAINS DAN KOMPUTER		CLO1 10 MARKS	
NAME	Augustine			DURATION 60 MINS		CLO2	
REGISTRATION NO.	081PP18F2025					10	
PROGRAMME/ SECTION	IPP1					CLO3	
				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, 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.

$$\begin{aligned} 2x - 3y &= 5 \\ 2x - 4y &= -2 \end{aligned}$$

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?

Q1 (a) $y = mx + c$

$$y - c = mx + c - c$$

$$y - c = mx$$

$$\frac{mx}{m} = \frac{y - c}{m}$$

$$x = \frac{y - c}{m}$$

(b) $y = mx + c$

$$y = 3 \quad m = -5 \quad x = -2$$

$$3 = -5(-2) + c$$

$$3 = 10 + c$$

$$-10 + 3 = -10 + 10 + c$$

$$-7 = c$$

$$c = -7$$

$$Q2 \quad 2x - 3y = 5 \quad \text{--- ①}$$

$$2x - 4y = -2 \quad \text{--- ②}$$

From ② $2x - 4y = -2$

$$2x - 4y + 4y = -2 + 4y$$

$$\frac{2x}{2} = \frac{-2 + 4y}{2}$$

$$x = -1 + 2y \quad \text{--- ③}$$

Substitute ③ into ①

$$2(-1 + 2y) - 3y = 5$$

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

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

$$y = 7$$

when $y = 7$

$$x = -1 + 2(7)$$

$$x = -1 + 14$$

$$x = 13$$

$$\therefore y = 7 \quad x = 13$$

$$A = p(1+r)^t$$

Q3

$$A = 2500(1+0.02)^{15}$$

$$A = 3364.67$$

1) Nur Iyaz
2) Syuhadah

 KEMENTERIA PENDIDIKAN MALAYSIA		 POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		END OF CHAPTER 1	
				SESSION		DECEMBER 2018	
				DURATION	60 MINS	CLO1	10 MARKS
CLO2	10						
CLO3							
NAME		SYUHADAH AQILAH					
REGISTRATION NO.		051PP18F2002					
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.

Good

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?

Q1

$$y = mx + c$$

$$y - c = mx + c - c$$

$$\frac{y - c}{m} = \frac{mx}{m}$$

(2)

$$x = \frac{y - c}{m}$$

Q.1

$$b) m = -5, x = -2, y = 3$$

$$y = mx + c, m = -5, x = -2$$

$$\text{and } y = 3$$

$$3 = -5(-2) + c$$

$$3 = 10 + c$$

$$3 - 10 = 10 - 10 + c$$

$$c = -7$$

(2)

Q2

$$2x - 3y = 5$$

$$2x - 4y = -2$$

$$2x - 4y = -2$$

$$2x - 4y + 4y = -2 + 4y$$

$$\frac{2x}{2} = \frac{-2 + 4y}{2}$$

$$x = -1 + 2y$$

Sub ③ into ①

$$2x - 3y = 5$$

$$2(-1 + 2y) - 3y = 5$$

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

$$-2 + y = 5$$

$$-2 + 2 + y = 5 + 2$$

$$y = 7$$

$$x = -1 + 2y$$

$$x = -1 + 2(7)$$

$$x = -1 + 14$$

$$x = 13$$

$$x = 13, y = 7$$

Q3

$$A = 2500(1 + 0.02)^{15}$$

$$= 2500(1.02)^{15}$$

$$= 2500 \times 1.345868338$$

$$= 3364$$

 KEMENTERIA PENDIDIKAN MALAYSIA  JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		END OF CHAPTER 1	
		SESSION		DECEMBER 2018	
		DURATION	60 MINS	CLO1	10 MARKS
CLO2	8				
CLO3					
NAME					
REGISTRATION NO.					
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, 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.

$$\begin{aligned} 2x - 3y &= 5 \\ 2x - 4y &= -2 \end{aligned}$$

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?

$$① y = mx + c$$

$$y - c = mx + c - c$$

$$\frac{mx}{m} = \frac{y - c}{m}$$

$$x = \frac{y - c}{m}$$

②

$$b) m = -5, x = -2, y = 3$$

$$y = mx + c$$

$$3 = -5(-2) + c$$

$$3 = 10 + c$$

$$3 - 10 = 10 - 10 + c$$

$$3 - 10 = c$$

$$-7 = c$$

②

$$② \quad 2x - 3y = 5 \quad \text{--- (1)}$$

$$2x - 4y = -2 \quad \text{--- (2)}$$

From (1)

$$2x - 3y = 5$$

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

$$\frac{2x}{2} = \frac{5 + 3y}{2}$$

$$x = \frac{5 + 3y}{2} \quad \text{--- (3)}$$

$$③ \quad PV = \frac{2500 \times 1 - (1 + 0.02)^{-180}}{0.02}$$

$$= \frac{2500 \times 0.971688095}{0.02}$$

$$= 2500 \times 48.58440478$$

$$= 121461.012$$

②

Substitute (3) into (2)

$$2\left(\frac{5 + 3y}{2}\right) - 4y = -2$$

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

$$5 - y = -2$$

$$5 - 5 - y = -2 - 5$$

$$\frac{-y}{-1} = \frac{-7}{-1}$$

$$y = 7$$

when $y = 7$

$$x = \frac{5 + 3(7)}{2}$$

$$x = \frac{26}{2}$$

$$x = 13$$

$$y = 7, x = 13$$

1. Roslinda Jelute (051PP18F2011)

2. Clavinda Enthle (051PP18F2013)

 KEMENTERIA PENDIDIKAN MALAYSIA		 POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		END OF CHAPTER 1	
				SESSION		DECEMBER 2018	
				DURATION	60 MINS	CLO1	10 MARKS
NAME	Roslinda Jelute	CLO2	8				
REGISTRATION NO.	051PP18F2011	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, 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.

$$\begin{aligned} 2x - 3y &= 5 \\ 2x - 4y &= -2 \end{aligned}$$

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?

Question 1

a) $y = mx + c$

$$y - c = mx + c - c$$

$$\frac{mx}{m} = \frac{y - c}{m}$$

$$x = \frac{y - c}{m}$$

b) $m = -5$, $x = -2$ and $y = 3$

$$y = mx + c$$

$$3 = -5(-2) + c$$

$$3 = 10 + c$$

$$3 - 10 = 10 - 10 + c$$

$$-7 = c$$

$$c = -7$$

Question 1

$$2x - 3y = 5 \quad \text{--- (1)}$$

$$2x - 4y = -2 \quad \text{--- (2)}$$

From (1)

$$2x - 3y = 5$$

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

$$\frac{2x}{2} = \frac{5 + 3y}{2}$$

$$x = \frac{5}{2} + \frac{3y}{2} \quad \text{--- (3)}$$

Substitute (3) into (2);

$$2x - 4y = -2$$

$$2\left(\frac{5}{2} + \frac{3y}{2}\right) - 4y = -2$$

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

$$5 - y = -2$$

$$5 - 5 - y = -2 - 5$$

$$\frac{-y}{-1} = \frac{-7}{-1}$$

$$y = 7$$

When $y = 7$

$$2x - 3y = 5$$

$$2x - 3(7) = 5$$

$$2x - 21 = 5$$

$$2x - 21 + 21 = 5 + 21$$

$$\frac{2x}{2} = \frac{26}{2}$$

$$x = 13$$

$$\therefore x = 13, y = 7$$

Question 3

$$PV = P \times \frac{1 - (1 + r)^{-n}}{r}$$

$$PV = 2500 \times \frac{1 - (1 + 0.02)^{-180}}{0.02}$$

$$PV = 2500 \times \frac{1 - 0.028311904}{0.02}$$

$$PV = 2500 \times \frac{0.971688096}{0.02}$$

$$PV = 2500 \times 48.5844048$$

$$PV = 121461.012$$

 KEMENTERIA PENDIDIKAN MALAYSIA  POLITEKNIK MALAYSIA JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		END OF CHAPTER 1	
		SESSION		DECEMBER 2018	
		DURATION	60 MINS	CLO1	10 MARKS
CLO2					
CLO3					
NAME	Achiana Raphael				
REGISTRATION NO.					
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, 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.

$$\begin{aligned} 2x - 3y &= 5 \\ 2x - 4y &= -2 \end{aligned}$$

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?

question 1

(a) $y = mx + c$ (b) $3 = -5(-2) + c$

$y - c = mx + c - c$ $3 = -10 + c$

$\frac{y - c}{m} = \frac{mx}{m}$ $3 - 10 = 10 + 10 + c$

$\frac{y - c}{m} = x$ $-7 = c$

question 2

$2x - 3y = 5$ $2x - 4(-1) = -2$

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

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

$\frac{-3y}{-3} = \frac{5 - 2x}{-3}$ $\frac{2x}{2} = \frac{-8}{2}$

$y = \frac{-3x}{-3}$ $2 = -4$

$y = -1x$ $\text{when } x = -4$

$y = -1(-4)$

$y = -5$

$x = -4, y = -5$

Question 3

$$PV = 2500 \times \frac{1 - (1 + 0.02)^{-180}}{0.02}$$

$$= 2500 \times \frac{1 - 0.028311904}{0.02}$$

$$= 2500 \times 4858.44040$$

$$= 1.21461.012$$

Question 2

$$2x - 3y = 5 \quad \text{--- (1)}$$

$$2x - 4y = -2 \quad \text{--- (2)}$$

$$2x - 3y = 5$$

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

$$\frac{2x}{2} = \frac{5 + 3y}{2}$$

$$x = \frac{5}{2} + \frac{3y}{2} \quad \text{--- (3)}$$

Substitute (3) into (2)

$$2\left(\frac{5}{2} + \frac{3y}{2}\right) - 4y = -2$$

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

$$5 - y = -2$$

$$5 - y = -2$$

$$5 - 5 - y = -2 - 5$$

$$-y = -7$$

$$y = 7$$

when $y = 7$

$$2x = 4(7)$$

$$2x - 4(7) = -2$$

$$2x - 28 = -2$$

$$2x - 28 + 28 = -2 + 28$$

$$\frac{2x}{2} = \frac{26}{2}$$

$$x = 13$$

 KEMENTERIA PENDIDIKAN MALAYSIA		 POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		END OF CHAPTER 1	
				SESSION		DECEMBER 2018	
				DURATION	60 MINS	CLO1	10 MARKS
NAME	ATIKAH ANAK SENJON	CLO2	3				
REGISTRATION NO.	051PP 18F 2012	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, 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.

$$\begin{aligned} 2x - 3y &= 5 \\ 2x - 4y &= -2 \end{aligned}$$

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?

Question 1.

$$\begin{aligned} y &= mx + c \\ y - c &= mx \\ \frac{y - c}{m} &= x \\ x &= \frac{y - c}{m} \end{aligned}$$

b) $m = -5$, $x = -2$ and $y = 3$.

$$3 = -5x + c$$

$$-5x + 2 - 2 = 3 - 2$$

$$-5x = 3 - 2$$

$$-5x = 1$$

$$-5x = \frac{1}{-5}$$

$$x = -0.2$$

Question 2.

$$\begin{aligned} 2x - 3y &= 5 \quad \text{--- (1)} \\ -2x - 4y &= -2 \quad \text{--- (2)} \end{aligned}$$

$$2x - 3y = 5$$

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

$$\frac{3y}{3} = \frac{5 - 2x}{3}$$

$$y = 1$$

$$2x - 4(1) = -2$$

$$2x - 4 = -2$$

$$2x - 4 + 4 = -2 + 4$$

$$2x = 2$$

$$\begin{aligned} x &= 1 \\ y &= 1, x = 1 \end{aligned}$$

$$3) A = P(1+r)^t$$

$$= 2500(1+0.02)^{15}$$

$$= 2500(1.02)^{15}$$

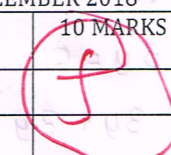
$$= 3,364.670846 \#$$

$$3) = 2500 \times \frac{1 - (1+0.02)^{-180}}{0.02}$$

$$= 2500 \times \frac{1 - 0.028311904}{0.02}$$

$$= 2500 \times 48.5844048$$

$$= 121,461.012$$

 KEMENTERIA PENDIDIKAN MALAYSIA				COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		END OF CHAPTER 1	
				SESSION		DECEMBER 2018	
JABATAN MATEMATIK, SAINS DAN KOMPUTER				DURATION	60 MINS	CLO1	10 MARKS
NAME	Sandra Ipan NA					CLO2	
REGISTRATION NO.	051PP1872024					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, C2

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

[2 marks]

CLO1, C2

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

[2 marks]

Question 2

CLO1, C2

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

[4 marks]

$$\begin{aligned} 2x - 3y &= 5 \\ 2x - 4y &= -2 \end{aligned}$$

Question 3

CLO1, C3

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?

[2 marks]

Question 1

a) $y = mx + c$

$$y = mx - mx + c$$

$$y - mx = c$$

$$y - y - mx = c - y$$

$$\frac{mx}{m} = \frac{c - y}{m}$$

$$x = \frac{c - y}{m}$$

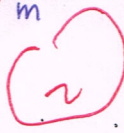
a) $y = mx + c$

$$y = mx + c - c$$

$$y - c = mx$$

$$\frac{mx}{m} = \frac{y - c}{m}$$

$$x = \frac{y - c}{m}$$



b) $y = mx + c$

$$3 = -5(-2) + c$$

$$3 = 10 + c$$

$$3 = 10 - 10 + c$$

$$3 - 10 = c$$

$$c = -7$$



Question 2

$$2x - 3y = 5$$

$$2x - 4y = -2$$

From ①

$$2x - 3y = 5$$

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

$$\frac{2x}{2} = \frac{3y + 5}{2}$$

$$x = 1\frac{1}{2}y + 2\frac{1}{2} \quad \text{--- (2)}$$

$$x = \frac{3}{2}y + \frac{5}{2} \quad \text{--- (2)}$$

Substitute ③ into ②

$$2\left(\frac{3}{2}y + \frac{5}{2}\right) - 4y = -2$$

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

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

$$3y - 4y = 7$$

$$\frac{-y}{-1} = \frac{7}{-1}$$

$$y = -7$$

when $y = -7$?

$$x = \frac{3}{2}(-7) + \frac{5}{2}$$

$$x = -10\frac{1}{2} + \frac{5}{2}$$

$$x = -19 + \frac{5}{2}$$

$$x = -16\frac{1}{2}$$

$$x = -31$$

$$\therefore x = -31, y = -7$$

Question 3

$$I = \frac{2500 \times 2 \times 15}{100}$$

$$= 75000$$

$$= 750$$

$$A = P(1+r)^t$$

$$A = 2500(1+r)$$

$$\text{present value} = 2500$$

$$\frac{2500 \times 2 \times 15}{100}$$

$$PV = 2500 \times \frac{1 - (1 + 0.02)^{-180}}{0.02}$$

$$= 2500 \times \frac{1 - 0.02831}{0.02}$$

$$= 250 \times 0.97169$$

$$= 250 \times 48.5845$$

$$= 12146.125$$

NAME: SITI MIRZAFIQAH
051PP18F2014

MELINDA THEREND
051PP18F2014

 KEMENTERIA PENDIDIKAN MALAYSIA  POLITEKNIK MALAYSIA JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		END OF CHAPTER 1	
		SESSION		DECEMBER 2018	
		DURATION	60 MINS	CLO1	10 MARKS
CLO2	2				
CLO3					
NAME	Siti Mirzafiqah Bt Jamil				
REGISTRATION NO.	051PP18F2014				
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, 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.

$$\begin{aligned} 2x - 3y &= 5 \quad \text{--- (1)} \\ 2x - 4y &= -2 \quad \text{--- (2)} \end{aligned}$$

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?

Question 1

a) $y = mx + c$
 $y - mx = mx - mx + c$
 $y - mx = c$
 $\frac{x(y-m)}{y-m} = \frac{c}{y-m}$
 $x = \frac{c}{y-m}$

b) $m = -5$, $x = -2$, $y = 3$

$$3 = -5(-2) + c$$

$$3 = 10 + c$$

$$3 - c = 10 + c - c$$

$$3 - c = 10$$

$$3 + 3 - c = 10 + 3$$

$$\frac{-c}{-1} = \frac{13}{-1}$$

$$c = -13$$

Question 2

$$2x - 3y = 5 \quad \text{--- (1)}$$

$$2x - 4y = -2 \quad \text{--- (2)}$$

$$-7y = 3 \quad \text{--- (3)}$$

$$y = -\frac{3}{7}$$

Substitute (3) into (2)

$$2x - 4(-\frac{3}{7}) = -2$$

$$2x + \frac{12}{7} = -2$$

$$2x + \frac{12}{7} = -2 - \frac{12}{7}$$

$$\frac{2x}{2} = \frac{-30}{2}$$

$$x = -15$$

When $x = -15$

$$y = -\frac{3}{7} - (-15)$$

$$y = 8$$

$$\therefore x = -15, y = 8$$

Question 3

$$\text{Saving} = \text{RM}2500$$

$$\text{Rate} = 2\%$$

$$\text{Time} = 15 \text{ years}$$

$$I = \frac{2500 \times 2 \times 15}{100}$$

$$= \frac{75000}{100}$$

$$= 750$$