December 2019

QUESTION 1

Sammy invested RM8,000 into Amanah Saham Malaysia that offered a simple interest rate of r % per annum on 13 March 2019. The amount of interest received on 10 August 2019 was RM200. Find the interest rate, r % by using the Banker's Rule.

(5 marks)

June 2019

QUESTION 1

On 20 February 2016, Encik Basri took a personal loan of RM6,000 from a bank that charged a simple interest rate of 8%. Find the amount paid on 15 June 2016 using Banker's

150 days

$$I = prt$$

$$200 = 8000(r)(\frac{150}{360})$$

$$r = \frac{200(360)}{8000(150)}$$

$$= 0.06 @ 6\%$$

December 2018

QUESTION 1

On 27 June 2018, Arianna deposited RM3,000 in a savings account that offered a simple interest rate of 3.5% per annum. Find the amount in her account on 10 October 2018 using Banker's Rule.

(5 marks)

June 2018 QUESTION 1

On 11 January 2016, Iqbal deposited RM5,000 in an account that offered r% simple interest per annum. If the interest earned on 16 April 2016 was RM45.38, find the value of r by using exact time and exact simple interest.

(5 marks)

$$S = P(1+rt)$$
= 3000 (1+ 0.035 ($\frac{105}{3}$)

$$I = Prt$$

$$45.38 = 5000 \times r \times \frac{96}{366}$$

$$r = \frac{45.38(3.66)}{5000(96)}$$

lan 2018

QUESTION 1

A loan of RM300 will become RM333.75 after a certain period of time. If the loan is charged a simple interest rate of 7.5% per annum, find the number of days using Banker's Rule.

July 2017 QUESTION 2

Harraz had saved an amount of money in an account that offered 2.5% simple interest per annum. If the interest earned after three years was RM553.80, what is the accumulated amount if he leaves the money in the account for another 7 years?

(7 marks)

$$S = P(1+rt)$$

$$33.75 = 300 (0.075)(t)$$

$$t = \frac{33.75}{300 (0.075)}$$

$$t = 1.5 \text{ years } \times 3 \text{ to days}$$

given,

$$I = 553.80$$
 (after 3 years)
 $r = 2.590$

:. S after 10 year (3+7)
$$S = P(1+rx)$$
= 7384 (1+0.0 x(10))

March 2017

QUESTION 1

Kevin invested RM4,000 in an investment scheme on 18th October 2016. The investment offered a simple interest rate of 5% per annum. By using approximate time and exact simple interest, find the total interest received on 20th December 2016.

(5 marks)

given, P=400 initial detc: 18 Oct. 2016 r=52 naturity dete: 20 Dcc 2016

while approximate time

$$T = Prt$$
 $T = Prt$
 $T = Prt$

December 2016

QUESTION 2

RM8,000 was deposited on 27 November 2014 into an account at a simple interest rate of 2% per annum. Find the amount in the account on 15 January 2015 by using the exact time and exact simple interest.

(7 marks)

alog exect dial,
$$S = P(1+rt)$$

 $27 \text{ Nov. 2019} (30-27) < 3 = 8000 (1+0.02 (49/365))$
Dec 31
 15 Jon 15
 49 days = 10.8, 821.48 **

AND.

October 2016

QUESTION 2

Shiela had saved RM3,000 in an account that offered r% simple interest per annum on 20 March 2015. If the interest on 6 June 2015 was RM50, find the value of r using Banker's Rule.

(5 marks)

Using Banlow's Rule
$$I = Prt$$

20 Mar $(34-30) = 11$

May 30

May 31

 $r = 50(360)$

6 Jule 6

78dby1 = 0.0769 @ 7.69%

April 78/360

December 2015

QUESTION 2

On $10^{\rm lh}$ February 2015, Shakirah saved RM12,000 in an account that pays simple interest k% per annum. The balance in the account on $11^{\rm lh}$ May 2015 was RM12,240. Find the value of k using the Banker's Rule.

(7 marks)



