

 POLITEKNIK MALAYSIA KUCHING SARAWAK KEMENTERIAN PENDIDIKAN TINGGI JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		QUIZ 2	
		SESSION		DECEMBER 2017	
NAME	HURZULAIKA BINTI ZUNID	DURATION	20 MINS	CLO1	10 MARKS
REGISTRATION NO.	051PP17F2027			CLO2	
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, C1]

Express the answer of 4.56×0.2 .

$$4.56 \times 0.2 = 0.912$$

$$\begin{array}{r} 4.56 \\ \times 0.2 \\ \hline 912 \\ 000 \\ \hline 0.912 \end{array}$$

$$= 0.912$$

[1 mark]

Question 2 [CLO1, C2]

Find the answer of $6\frac{15}{8} - 1\frac{16}{8}$.

$$\frac{53}{8} - \frac{14}{8}$$

$$= \frac{39}{8} = 4\frac{7}{8}$$

[2 marks]

Question 3 [CLO1, C3]

Solve $(8\frac{1}{2} \times \frac{1}{2}) \div \frac{7}{4}$. Express your answer in the form of mixed numbers.

$$(\frac{17}{2} \times \frac{1}{2}) \div \frac{7}{4}$$

$$= \frac{17}{4} \div \frac{7}{4}$$

[3 marks]

Question 4 [CLO1, C1]

An amount decreases from 80 to 50. What is the percentage decrease?

$$\frac{30}{80} \times 100\%$$

$$= 37.5\%$$

$$\begin{array}{l} \text{ori} \quad \text{New} \\ 80 - 50 \\ = 30 \end{array}$$

[2 marks]

Question 5 [CLO1, C2]

The purchase price of an iPad is RM650. What is the total price if the GST 6% is added?

ipad - 650.

$$\frac{6}{100} \times \text{RM}650 = \text{RM}39$$

$$= \text{RM}689$$

$$\text{RM}650 + \text{RM}39$$

$$= \text{RM}689$$