

$$= \frac{444}{1000} \div 2$$

$$= \frac{222}{500} \div 2$$

$$= \frac{111}{250}$$

 KEMENTERIAN PENDIDIKAN MALAYSIA  POLITEKNIK MALAYSIA JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		QUIZ 1B	
		SESSION		JUNE 2018	
		DURATION	20 MINS	CLO1	10 MARKS
CLO2					
CLO3					
NAME	JESSICA RACHA	TOTAL MARKS		10 MARKS	
REGISTRATION NO.	051PP1KF1034				
PROGRAMME/ SECTION	IPP1				

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

a) 0.444

$$= \frac{444}{1000} \div 2$$

$$= \frac{222}{500} \div 2$$

Question 1 [CLO1, C2]

(a) Convert 0.444 to a fraction and write the result in **lowest terms**.

(b) Convert $\frac{14}{20}$ to percentage.

(c) Convert 210% as a mixed number.

[6 marks]

Question 2 [CLO1, C1]

Given the set of numbers $A = \{-2.5, -1, 0, 3, \sqrt{5}, \pi, -\frac{1}{5}, 0.58, 2.4343 \dots, \sqrt{2} - 1\}$. List down

- Natural numbers
- Rational numbers
- Irrational number
- Negative integers

Question 2

a) Natural Numbers

$$= 3$$

[4 marks]

b) Rational Numbers

$$= -2.5, -\frac{1}{5}, 0.58, 2.4343$$

c) Irrational Numbers

$$= \sqrt{5}, \sqrt{2} - 1, \pi$$

d) Negative integers

$$= -1$$

$$= 70\%$$

c) 210% → mixed number

$$\begin{array}{r} 210 \\ 10 \overline{) 210} \\ \underline{200} \\ 10 \end{array}$$

$$= 21 \frac{10}{100}$$

$$= 2 \frac{10}{100} \div 10$$

$$= 2 \frac{1}{10}$$

$$3 \frac{1}{2}$$