
 KEMENTERIA PENDIDIKAN MALAYSIA  JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		QUIZ 1	
		SESSION		DECEMBER 2018	
		DURATION	20 MINS	CLO1	10 MARKS
CLO2					
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, C1

[3 marks]

Given the set of numbers $\{2\pi, \sqrt{12}, \sqrt{100}, 0.003\}$. List down

- Irrational numbers $\{2\pi, \sqrt{12}\}$
- Rational numbers $\{0.003\}$
- Natural numbers $\{\sqrt{100}\}$

Question 2

CLO1, C2

[4 marks]

- Convert 2.5 into mixed number with the simplest form.

$$2.5 = \frac{25}{10} = \frac{5}{2} = 2\frac{1}{2}$$

Note: Answer with $\frac{5}{2}$ (not in the simplest form) will be given 1 mark.

- Convert 28% to fraction in the simplest form.

$$28\% = \frac{28}{100} = \frac{14}{50} = \frac{7}{25}$$

Note: Answer with $\frac{28}{100}$ or $\frac{14}{50}$ will be given 1 mark respectively.

Question 3

CLO1, C3

[3 marks]

Rewrite the answer of $440 + 404.88$ in standard form.

$$440 + 404.88 = 844.88 = 8.4488 \times 10^2$$

(1 mark) (1 mark) (1 mark)

Note: Answer in correct digit and power of 10 will be given 1 mark respectively/