

 KEMENTERIAN PENDIDIKAN TINGGI POLITEKNIK MALAYSIA KUCHING SARAWAK JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		TUTORIAL 1	
		SESSION		DECEMBER 2017	
NAME		DURATION	60 MINS	CLO1	10 MARKS
REGISTRATION NO.				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, C3]

Solve the operations by using BODMAS rule.

(a) $16 \div (2 \times 4 \div 2)$

(b) $(18 - 6) \div (6 - 3)$

(c) $10 \div (4 \div 2 \div 2)$

[CLO1, C1]

(d) $5 \times (4 - 83 \div 1 \times 9) + 2 + 8$

(e) $(9 \times 84 \div 7 - 3 - 2) \times 7 + 3$

(f) $64 \div 2 \times (1 + 7 \times 7) + 1 + 9$

[CLO1, C3]

[6 marks]

Question 2 [CLO1, C1-C2]

Solve the operations on polynomials.

(a) $(-5x^2 - x + 4) + (-3x^2 - 5x + 4)$

(b) $-4x^2y(x^2 + 7xy - 6y^3)$

[CLO1, C1]

(c) $(x - 2)(x^2 - x + 3)$

(d) $(4p + 3p^2 - 1) \div (p + 4)$

[CLO1, C2]

[4 marks]