

 KEMENTERI/ PENDIDIKAN MALAYSIA  JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		TUTORIAL 1	
		SESSION		DECEMBER 2018	
		DURATION	60 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

CL01, C1 [2 marks]

- (a) Given the expression $x^2 + 5xy - 3$. Identify the total variable term(s) and constant term(s) in this expression.

CL01, C2 [2 marks]

- (b) Simplify the expression $11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$.

Question 2

CL01, C2 [3 marks]

Simplify the polynomial $3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x)$.

Question 3

CL01, C3 [3 marks]

Use polynomial division to simplify the following.

$$\frac{n^2 + 10n + 18}{n + 5}$$