

- 1) Celybia Chu (051PP18F2028)
 2) Roslinda Jelute (051PP18F2011)

 KEMENTERIAAN PENDIDIKAN MALAYSIA		 POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
JABATAN MATEMATIK, SAINS DAN KOMPUTER				COURSEWORK ASSESSMENT		TUTORIAL 1	
				SESSION		DECEMBER 2018	
				DURATION	60 MINS	CLO1	10 MARKS
CLO2	10						
CLO3							
NAME		Roslina Jelute		TOTAL MARKS		10 MARKS	
REGISTRATION NO.		051PP18F2011					
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

CLO1, C1

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

[3 marks]

CLO1, C2

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

Question 3

[3 marks]

CLO1, C3

- Use polynomial division to simplify the following.

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

Question 1

a) $x^2 + 5xy - 3$

Terms Terms Terms 1 constant

2 variable terms

The answer is 2 variable terms and 1 constant.

Question 2

b) $11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$

$= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2$

$= -9c^6 + 11c^5 + 15c^5 - 6c^2 + 4c$

$= -9c^6 + 26c^5 - 6c^2 + 4c$

Question 2

$$3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x) = 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x$$

$$= 3x^4 - x^4 + 3x^3 - 2x^3 + 6x^2 + 2x$$

$$= 2x^4 + x^3 + 6x^2 + 2x$$

3

Question 3

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

$$\begin{array}{r} n+5 \overline{) n^2 + 10n + 18} \\ \underline{-(n^2 + 5n)} \\ 5n + 18 \\ \underline{-(5n + 25)} \\ -7 \end{array}$$

Answer = $n + 5$

3

$$n \rightarrow h^2$$

$$10 - (5) = 10 - 5 = 5$$

$$n \rightarrow 5n$$

$$18 - (25) = -7$$

KEMENTERIA PENDIDIKAN MALAYSIA POLITEKNIK 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	sandra ipah anak Ng	TOTAL MARKS		10 MARKS	
REGISTRATION NO.	051PP18F2024				
PROGRAMME/ SECTION	IPP1A				

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

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

CLO1, C2

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

Question 2

CLO1, C2

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

Question 3

CLO1, C3

- Use polynomial division to simplify the following. [3 marks]

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

Question 1

variable

a) $x^2 + 5xy - 3$

$x^2, 5xy$ = variable terms

-3 = constant term

variable term = 2

constant term = 1

b) $11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$
 $= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2$
 $= 11c^5 + 15c^5 - 9c^6 - 6c^2 + 4c$
 $= 26c^5 - 9c^6 - 6c^2 + 4c$

$= 3x^4 + 3x^3 + 6x^2 - x^4 +$

Question 2

$$\begin{aligned}
 & 3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x) \\
 &= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x \\
 &= 3x^4 - x^4 + 3x^3 - 2x^3 + 6x^2 + 2x \\
 &= 2x^4 + x^3 + 6x^2 + 2x
 \end{aligned}$$

3

Question 3

$$\begin{array}{r}
 n+5 \\
 n+5 \overline{) n^2 + 10n + 18} \\
 \underline{-(n^2 + 5n)} \\
 5n + 18 \\
 \underline{-(5n + 25)} \\
 -7
 \end{array}$$

3

① Nur lyazi

② Syuhadah

 KEMENTERIA PENDIDIKAN MALAYSIA				COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		TUTORIAL 1	
				SESSION		DECEMBER 2018	
				DURATION	60 MINS	CLO1	10 MARKS
JABATAN MATEMATIK, SAINS DAN KOMPUTER		CLO2					
NAME	Nur Iyazi	CLO3					
REGISTRATION NO.		651PP18F2018		TOTAL MARKS		10 MARKS	
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

CLO1, C1

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

CLO1, C2

[3 marks]

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

Question 3

CLO1, C3

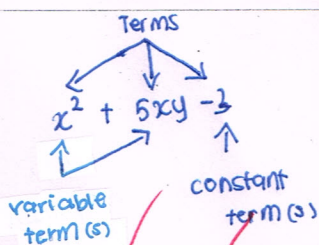
[3 marks]

- Use polynomial division to simplify the following.

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

Q1

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



2

(b) $11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$

$$\begin{aligned} &= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2 \\ &= -9c^6 + 11c^5 + 15c^5 - 6c^2 + 4c \\ &= -9c^6 + 26c^5 - 6c^2 + 4c \end{aligned}$$

2

Q2

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

$$\begin{aligned} &= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x \\ &= 3x^4 - x^4 + 3x^3 - 2x^3 + 6x^2 + 2x \\ &= 2x^4 + x^3 + 6x^2 + 2x \end{aligned}$$

3

Q3

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

$$\begin{array}{r} n+1 \\ n+5 \overline{) n^2 + 10n + 18} \\ \underline{n^2 + 5n} \\ 5n + 18 \end{array}$$

$$5n + 18$$

$$5n + 10$$

$$8$$

Q2

KEMENTERIAAN PENDIDIKAN MALAYSIA

POLITEKNIK

LABATAN MATEMATIKAL SAINS DAN KOMPUTER

NAME:
 REGISTRATION NO:
 PROGRAM/SECTION:
 IPST

INSTRUCTIONS

- Answer ALL questions. Write your answers in the space provided.
- Show your working to get marks. You may use a non-programmable calculator.

Question 1

Q1.1

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

Q1.2

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

Question 2

Q2.1

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

Question 3

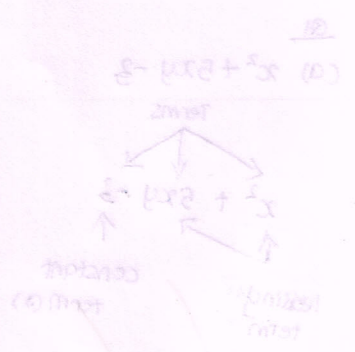
Q3.1

Use polynomial division to simplify the following
$$\frac{n^2 + 10n + 18}{n + 5}$$

Q2

$$\begin{aligned} (a) \quad & 3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 3x) \\ &= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 3x \\ &= 2x^4 + x^3 + 6x^2 + 3x \end{aligned}$$

$$\begin{aligned} (b) \quad & 11x^2 - 9x^2 + 15x^2 - 3(-5x + 3x^2) \\ &= 11x^2 - 9x^2 + 15x^2 + 15x - 9x^2 \\ &= 11x^2 + 15x^2 - 9x^2 - 9x^2 + 15x \\ &= -x^2 + 15x \end{aligned}$$



5

5

5

Nurul Aina bt Aheq (05IPPI8F2016)

 KEMENTERIA PENDIDIKAN MALAYSIA  POLITEKNIK 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		NOREIZLYN BT MOHD KAMIL		TOTAL MARKS		10 MARKS
REGISTRATION NO.		05IPPI8F2023				
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

CLO1, C1

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

[3 marks]

CLO1, C2

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

Question 3

[3 marks]

CLO1, C3

Use polynomial division to simplify the following.

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

Question 1 (a)

$x^2 + 5xy - 3$
 Term Term constant term
 2 variable terms

Question 1 (b)

$$\begin{aligned}
 &11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2) \\
 &= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2 \\
 &= 11c^5 + 15c^5 - 9c^6 - 6c^2 + 4c \\
 &= 26c^5 - 9c^6 - 6c^2 + 4c
 \end{aligned}$$

Question 2

$$\begin{aligned}
 & 3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x) \\
 &= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x \\
 &= 3x^4 - x^4 + 3x^3 - 2x^3 - 6x^2 + 2x \\
 &= 2x^4 + x^3 - 6x^2 + 2x
 \end{aligned}$$

(1)

Question 3

$$\begin{array}{r}
 n + 5 \overline{) n^2 + 10n + 18} \\
 \underline{n^2 + 5n} \\
 5n + 18 \\
 \underline{5n + 10} \\
 8
 \end{array}$$

(1)

not 10
 $5 \times 5 = 25$

 KEMENTERIA PENDIDIKAN MALAYSIA  POLITEKNIK 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	6				
CLO3					
NAME	Muhammad Rusyaidi Rifaur		10 MARKS		
REGISTRATION NO.	051PP18F2022				
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

CLO1, C1

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

CLO1, C2

[3 marks]

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

Question 3

CLO1, C3

[3 marks]

Use polynomial division to simplify the following.

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

Question 1

a) $x^2 + 5xy - 3$

- Two ~~var~~ variable term and one constant term

= $x^2 + 5xy$ is variable term

= -3 is constant term

(1)

b) $11c^5 - 9c^6 + 15c^5 - 2c - 2c + 3c^2$

= $11c^5 - 9c^6 + 15c^5 + 4c - 6c^2$

= ~~$11c^5 + 15c^5 - 9c^6 + 4c - 6c^2$~~

= $-9c^6 + 11c^5 + 15c^5 - 6c^2 + 4c$

= $-9c^6 + 26c^5 - 6c^2 + 4c$

(2)

Question 2

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

= $3x^4 + 3x^3 + 6x - x^4 - 2x^3 + 2x$

= $3x^4 - x^4 + 3x^3 - 2x^3 + 6x + 2x$

= $2x^4 + x^3 + 8x$

Question 3

$\frac{n^2 + 10n + 18}{n + 5} = n + 5 \dots \text{balance } -7$

$$\begin{array}{r} n+5 \overline{) n^2 + 10n + 18} \\ \underline{-(n^2 + 5n)} \\ 5n + 18 \\ \underline{-(5n + 25)} \\ -7 \end{array}$$

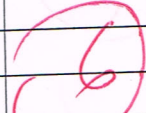
-7 ... balance

$$\begin{array}{r} n+5 \overline{) n^2 + 10n + 18} \\ \underline{-(n^2 + 5n)} \\ 5n + 18 \\ \underline{-(5n + 25)} \\ -7 \end{array}$$

$$\begin{array}{r} n+5 \overline{) n^2 + 10n + 18} \\ \underline{-(n^2 + 5n)} \\ 5n + 18 \\ \underline{-(5n + 25)} \\ -7 \end{array}$$

(3)

-7 ... balance

 KEMENTERIA PENDIDIKAN MALAYSIA				COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		TUTORIAL 1	
				SESSION		DECEMBER 2018	
				DURATION	60 MINS	CLO1	10 MARKS
CLO2							
CLO3							
NAME		nur shamirra bt Abdullah		TOTAL MARKS		10 MARKS	
REGISTRATION NO.		051PP18F2030					
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

CLO1, C1

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

CLO1, C2

[3 marks]

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

Question 3

CLO1, C3

[3 marks]

- Use polynomial division to simplify the following.

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

- a) variable terms - 2
constant terms - 1

(2)

b) $11c^5 - 9c^6 + 15c^5 - 2(2c + 3c^2)$
 $= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2$
 $= -9c^6 + 11c^5 + 15c^5 - 6c^2 + 4c$
 $= -9c^6 + 26c^5 - 6c^2 + 4c$

(1 1/2)

$$Q2 \quad 3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x)$$

$$= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x$$

$$= 3x^4 - x^4 + 3x^3 - 2x^3 + 6x^2 + 2x$$

$$= 2x^4 - x^3 + 6x^2 + 2x$$

2

$$Q3 \quad n+5 \overline{) n^2 + 10n + 18}$$

$$\begin{array}{r} n+2n+3 \\ n^2 + 10n + 18 \\ \hline n^2 + 10n \end{array}$$

$$18$$

$$15$$

$$3$$

2

 KEMENTERIA PENDIDIKAN MALAYSIA 		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		TUTORIAL 1	
		SESSION		DECEMBER 2018	
		DURATION		CLO1	10 MARKS
JABATAN MATEMATIK, SAINS DAN KOMPUTER		60 MINS		CLO2	
NAME	Jessica 1 Adwani			CLO3	
REGISTRATION NO.				10 MARKS	
PROGRAMME/ SECTION	IPP1	TOTAL 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

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

CLO1, C2

[3 marks]

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

Question 3

CLO1, C3

[3 marks]

- Use polynomial division to simplify the following.

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

a) $x^2 + 5xy - 3$
 variable term constant term

b) $11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$
 $= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2$
 $= 11c^5 + 15c^5 - 9c^6 - 6c^2 + 4c$
 $= -9c^6 + 26c^5 - 6c^2 + 4c$

Question 2

$3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x)$
 $= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x$
 $= 3x^4 - x^4 + 3x^3 - 2x^3 + 6x^2 - 2x$
 $= 2x^4 + x^3 + 6x^2 - 2x$

Question 3

$\frac{n^2 + 10n + 18}{n + 5}$
 $n + 5 \overline{) n^2 + 10n + 18}$
 $\underline{-(n^2 + 5n)}$
 $5n + 18$
 $\underline{-(5n + 25)}$
 -7

 KEMENTERIA PENDIDIKAN MALAYSIA  POLITEKNIK 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	52				
CLO3					
NAME	AINNUR AARYATUL	TOTAL MARKS		10 MARKS	
REGISTRATION NO.	051PP18F2020				
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

CLO1, C1

[2 marks]

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

CLO1, C2

[2 marks]

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

Question 2

CLO1, C2

[3 marks]

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

Question 3

CLO1, C3

[3 marks]

- Use polynomial division to simplify the following.

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

Question 1

- a) Variable terms

= 2

constant term

= 1

Question 2

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

$$= 3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 - 2x$$

$$= 3x^4 - x^4 + 3x^3 - 2x^3 + 6x^2 + 2x$$

$$= 2x^4 - x^3 + 6x^2 + 2x$$

Question 3

$$\begin{array}{r} n+2n+3 \\ n+5 \overline{) n^2+10n+18} \\ \underline{-(n^2+5n)} \\ 5n+18 \\ \underline{-(5n+25)} \\ -7 \end{array}$$

$$b) 11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$$

$$= 11c^5 - 9c^6 + 15c^5 + 4c - 6c^2$$

$$= 11c^5 + 15c^5 - 9c^6 - 6c^2 + 4c$$

$$= 26c^5 - 9c^6 - 6c^2 + 4c$$

Atikan anak senjon

 KEMENTERIA PENDIDIKAN MALAYSIA				COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
				COURSEWORK ASSESSMENT		TUTORIAL 1	
JABATAN MATEMATIK, SAINS DAN KOMPUTER				SESSION		DECEMBER 2018	
				DURATION		CLO1 10 MARKS	
NAME		Celestina Indica Desmond		60 MINS		CLO2	
REGISTRATION NO.		0510018F2029				CLO3	
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

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

CLO1, C2

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

Question 2

CLO1, C2

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

Question 3

CLO1, C3

- Use polynomial division to simplify the following. [3 marks]

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

1a) $x^2 + 5xy - 3$
 Variable terms: $x^2, 5xy$
 Constant: -3

2) $3x^2(x^2 + x + 2) - (x^4 + 2x^3 - 2x)$
 $3x^2(x^2 + x + 2) - x(x^3 + 2x^2 - 2)$
 $3x^4 + 3x^3 + 6x^2 - x^4 - 2x^3 + 2x$
 $2x^4 + x^3 + 6x^2 + 2x$

1b) $11c^5 - 9c^6 + 15c^5 - 2(-2c + 3c^2)$
 $= 11c^5 - 9c^6 + 15c^5 - 4c + 6c^2$
 $= -9c^6 + 26c^5 + 6c^2 - 4c$

3) $n + 5 \overline{) n^2 + 10n + 18}$
 $\underline{-n^2 \quad 5n}$
 $5n + 18$
 $\underline{-5n \quad 18}$
 18