Q	Marking instructions	AO	Marks	Typical solution
6(a)	Obtains at least one of $^6C_1(-3x)$ or $-18x$ or $^6C_2(-3x)^2$ or $135x^2$ or $^6C_3(-3x)^3$ or $-540x^3$	1.1a	M1	$= 1 + {}^6C_1(-3x) + {}^6C_2(-3x)^2 + {}^6C_3(-3x)^3$ $= 1 - 18x + 135x^2 - 540x^3$
	Obtains at least two of $^6C_1(-3x)$ or $-18x$ or $^6C_2(-3x)^2$ or $135x^2$ or $^6C_3(-3x)^3$ or $-540x^3$	1.1a	M1	
	Obtains $1 - 18x + 135x^2 - 540x^3$ Ignore any additional terms	1.1b	A1	
	Subtotal		**3**	

Q	Marking instructions	AO	Marks	Typical solution
6(b)	Uses $(1)(135x^2) + (-2x)(-18x)$ **FT** their coefficients of x and x^2 from part **(a)**	3.1a	M1	$(-2x)(-18x) + (1)(135x^2)$ $= 171x^2$
	Obtains 171 Condone $171x^2$	1.1b	A1	Coefficient of x^2 is 171
	Subtotal		**2**	

	Question 6 Total		**5**	