Question	Scheme	Marks	AOs
4(a)	1	B1	1.1b
		(1)	
(b)	$\mathrm{gf}(x) = \dfrac{4}{1-3x^2} - 2$	M1	1.1b
	$\dfrac{4}{1-3x^2} - \dfrac{2\left(1-3x^2\right)}{1-3x^2}$	dM1	1.1b
	$\dfrac{2+6x^2}{1-3x^2}$	A1	2.1
		(3)	
			(4 marks)

Notes:

(a)

B1: 1 cao

(b)

M1: Substitutes $1-3x^2$ into $\dfrac{4}{x} - 2$ to achieve $\dfrac{4}{1-3x^2} - 2$ condoning a single slip on a sign.

dM1: Attempts to form a single fraction with a common denominator.

A1: Correct work leading to $\dfrac{2+6x^2}{1-3x^2}$ o.e.