

WJEC June 2011 Q9bc

(b) Find $\int \left(4x^6 + \frac{1}{x^2} + 9\right) dx$.

[4]

(c) Evaluate $\int_1^2 (3x^2 + 1) dx$.

[5]

WJEC June 2012 Q8bc

(b) Find $\int 3x^2 + \frac{4}{x^3} + 8x dx$.

[4]

(c) Showing all your working, evaluate $\int_2^4 6x + 1 dx$.

[5]

WJEC June 2013 Q7bc

(b) Find $\int 3x^4 + \frac{1}{x^3} + 4 dx$.

[4]

(c) Showing all your working, evaluate $\int_2^3 6x^5 + 5 dx$.

[5]

WJEC June 2014 Q12bc

(b) Find $\int 3x^4 + 6x + 8x^{-2} dx$.

[4]

(c) Showing all your working, evaluate $\int_2^5 4x + 1 dx$.

[5]

WJEC June 2015 Q9

(a) Find $\int 21x^6 - 3x^2 - \frac{1}{x^2} + 6 \, dx$. [5]

(b) Showing all your working, evaluate $\int_2^5 6x^2 + 4x \, dx$. [5]

WJEC June 2016 Q12bc

(b) Find $\int (4x^3 + 2x + 4x^{-2}) \, dx$. [4]

(c) Showing all your working, evaluate $\int_2^3 (8x + 2) \, dx$. [5]

WJEC June 2017 Q10

(a) Find $\int \left(10x^4 + 24x^2 - 2 + \frac{3}{x^4} \right) \, dx$. [5]

(b) Evaluate $\int_1^2 (12x^3 + 6x^2) \, dx$.
You must show all your working. [5]

WJEC June 2018 Q12

Find $\int (12x^5 + 24x^3 - 2 + \frac{4}{x^5}) \, dx$.

Simplify your answer.

You must show all your working. [6]