

Edexcel (U.K.) Pre 2017

Questions By Topic

C2 Chap03 Exponentials and Logarithms

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4. Solve the equation

$$5^x = 17,$$

giving your answer to 3 significant figures.

(3)

Q4

(Total 3 marks)

Leave
blank(ii) Solve, for $0 \leq x < 360^\circ$,

$$4\sin x = 3\tan x.$$

(6)

Q7

(Total 10 marks)

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8. (a) Sketch the graph of $y = 7^x$, $x \in \mathbb{R}$, showing the coordinates of any points at which the graph crosses the axes.

(2)

- (b) Solve the equation

$$7^{2x} - 4(7^x) + 3 = 0$$

giving your answers to 2 decimal places where appropriate.

(6)

