

7 (i) Solve the equation $\frac{(8^x)^x}{32^x} = 4$

(4)

(ii) Solve the equation $\log_x 64 + 3 \log_4 x - \log_x 4 = 5$

(7)

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Question 7 continued

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Question 7 continued

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Question 7 continued

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(Total for Question 7 is 11 marks)

