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Started on Wednesday, 1 March 2017, 11:16 AM

State Finished

Completed on Wednesday, 1 March 2017, 11:44 AM

Time taken 28 mins 3 secs

Grade 100.00 out of 100.00

## Question 1

Correct

Mark 100.00 out of 100.00

Quiz 4c

Find the Laplace transform of  $f(t) = \frac{d}{dt} \left[ 6te^{-5t} u(t) \right]$ 

$$F(s) = \begin{bmatrix} 6 \\ \checkmark s \\ / (s + 5) \end{bmatrix} 2$$

For example - answer is in the form  $F(s) = \frac{As}{(s+C)^n}$ 

$$F(s) = \frac{6s}{(s+5)^2}$$

Correct

Marks for this submission: 100.00/100.00.