

Calculus 1B Quiz 5

Name:

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Student ID:

1. (1 point) Write the Maclaurin series for:

$$xe^{-2x^2}$$

(turn over)

2. (2 points) Approximate

$$\int_0^2 \cos(\sqrt{x}) dx$$

so that your error is less than $\frac{1}{100}$.