

King Fahd University of Petroleum and Minerals
Semester 181, MATH 106 Q

Name

ID

S/N :

1. Use differentials to find an approximate value for $e^{0.001}$

2. Evaluate the following integral

$$\int \left(\frac{-\sqrt[3]{x^2}}{5} - \frac{7}{2\sqrt{x}} + 6x \right) dx$$