

February 23,2017

QUIZ#1 Math102-sec 14.

Net Time Allowed: 20 minutes

Name:

ID # :

Serial #:

Exercise1:(04 points)

Express the integral $\int_5^8 \sqrt{x} dx$, in terms of sums.
(Justify clearly your answer !)

Exercise2:(03 points)

Evaluate the following integral: $\int_{\frac{\pi}{2}}^{\pi} \sqrt{1 - \sin^2 t} dt$.

Exercise3:(03 points)

If $f(x) = \int_1^{2x} \frac{16}{8 + t^3} dt$ then find $f'(0)$.