

March 20, 2018

QUIZ#3 Math102- Sec 32

Net Time Allowed: 35 minutes

Name:

ID #:

Serial #:

(Justify clearly your answer!)

Exercise1:(05 points)

Evaluate $\int \frac{x^2}{(4-x^2)^{\frac{3}{2}}} dx.$

Exercise2:(05 points) Evaluate $\int \frac{x+2}{(x-1)(x^2+1)} dx.$

***Exercise3:(05 points) Evaluate $\int_0^{\frac{\pi}{4}} x \sec^2 x dx$