

QUIZ#4 Math102-sec15.Net Time Allowed: 20 minutes

Name:

ID #:

Serial #:

Exercise1:

Evaluate

$$\int \frac{dx}{7 + 5 \cos x}.$$

Exercise2:

Write out the form of the partial fraction decomposition of the expression

$$\frac{x^2}{(x - \sqrt{3})(x - 3)^3(x^2 + 4)(x^2 + x + 2)^2}$$

Do not evaluate the numerical values of the coefficients !