

KFUPM  
Mathematics & Statistics

Term 171  
MATH 102

Date:22/11/2017  
Duration: 20 minutes

Quiz# 5

Name:

ID #:

Section:

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Q1: Find  $\int_0^{\pi/4} \frac{x \sin x}{\cos^3 x} dx$

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Q2: Find  $\int_0^9 \frac{1}{\sqrt[3]{x-1}} dx$

Q3. Find  $\int_{1/3}^3 \frac{\sqrt{x}}{x^2+x} dx$

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Q4.  $\int \frac{dt}{\sqrt{t^2-6t+13}}$