

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math-302 Semester-162 QUIZ V

NAME:

S.No.

ID:

Maximum Marks: 10

Section:02

Time Allowed: 25 minutes

(1) Find the three cube roots of $z = i$.

(2) Find the values of $(-1 - i)^{2i}$.

(3) Solve the equation $\cosh(z) = \frac{1}{2}$ for z by equating real and imaginary parts.