

Chapter 5

COMPLEX NUMBERS

Modules of a complex number:

Definition:

If $z = x + iy \in \mathbb{C}$ is a complex number then the non – negative real.

$\sqrt{x^2 + y^2}$ is called modules of z . It is denoted by $|z|$.

$$\text{Thus, } z = x + iy \Rightarrow |z| = \sqrt{x^2 + y^2}$$

i.e.. Distance of a complex number z from origin is called the modules of the Complex number z .

