

**Short Quiz -1**  
**EE-407 Lab**  
**Set A**

**Name:** \_\_\_\_\_

**ID No:** \_\_\_\_\_

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Q1. If the  $Z_0=50\Omega$  and  $Z_L=75\Omega$ , what is the reflection coefficient?  
What is the VSWR?

Q2. If  $Z_S=50\Omega$ , how do I protect my signal generator from reflected signals?

Q3. Why do we use the open-circuited and short-circuited measurements to obtain  
the reference incident power ( $P_i$ ):

Q4. Mention **one application** of a match load.