Hard | Deputy Executive Engineer (Electric | 2026 | orts Authority of Gujarat / Assistant Engineer (El

:

(4 j3)

A 1, 2 4

B **1 4** Correct

C 2 3

D

Correct Answer: B

Full Detailed Explanation

: - 1 4

R ;

- |4+j3| =25

j3/25

: Yeq = 1/(4+j3)+1/(4 j3)=8/25=0.32 S; =1/ =3.125 ;
I=V/Zeq=32 ; =cos0 =1. :

, Z

Y ;

: