Quantum Computation and

Quantum Information Processing

RECAP on Teleportation 25.04.2019

STOP training based upon Umesh Vaziranis video *25 Teleportation part 1*

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

* 1:05 Explain for each other
* Understand:
* Do not understand:
* 1:18 What are the state when it is a Bell state
* Understand:
* Do not understand:
* 2:40
* Understand:
* Do not understand:
* 3:00
* Understand:
* Do not understand:
* 4:10 Do You remember from 24 Bell states?
* Understand:
* Do not understand:
* 4:26 What do we *JUST ASSUME*
* Understand:
* Do not understand:
* *6:16 What are missing ?*
* Understand:
* Do not understand:
* 8:25 What have we reached so far
* Understand:
* Do not understand:
* 10:35 What does Alice do so far
* Understand:
* Do not understand:
* 10:47 What does Bob do for 0 and 1
* Understand:
* Do not understand:
* 10:55 What does Bob do with respect to Z phase flip ?
* Understand:
* Do not understand:
* What was the Chalenge
* Understand:
* Do not understand: