QUANTUM GATES AND MEASUREMENT

Question 1

What is the resulting states for each of the circuits below?

(a)



(b)



(C)



(d)

$$rac{|0>+|1>}{\sqrt{2}}$$

Question 2

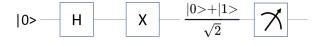
What can we expect on measurement?

(a)





(b)



(c)





(d)

$$rac{|0>+|1>}{\sqrt{2}}$$
 H | 0> $ightharpoons$

QCE20: From Qubits to Quantum Teleportation	