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Quiz 7

* Quantum key distribution is a secure communication method. which implements a cryptographic protocol involving components of quantum mechanics. QKD provides security which is future proof.

BB84 is a QKD protocol which allows sender to send photons to receiver.

It uses two polarizing filter with rectlinear and one diagonal. Quantum and classical channel both are considered to transfer the information. The raw key is generated by receiver and depending on keys that match we get the sifted key. This is decided as the secret key for communication.