

Q) Which type of cable is used to connect between

- (i) personal computer and switch
- (ii) Switch to switch?

Ans - Ethernet crossover cable is used to connect PC to switch & switch to switch.

Q) Explain differences between hub & switch.

→ Hub

Switch

(i) Operates on Physical layer of OSI Model.

(i) Operates on Data Link layer of OSI mode

(ii) Has 4-12 ports

(ii) Has 24-48 ports

(iii) half duplex transmission mode.

(iii) full duplex transmission mode.

(iv) Cannot be used as repeater

(iv) Can be used as repeater.

(v) Collisions happen frequently

(v) There are no collisions.