

COMP 353 – Quiz 6

1. The following sets of FD's are equivalent.

$$F = \{A \rightarrow BC\}$$

$$H = \{A \rightarrow B, B \rightarrow C\}$$

(a). True

(b). False

2. Two sets of FD's are equivalent if they define/give the same (set of minimal) keys.

(a). True

(b). False

3. Suppose F is a minimal basis (canonical cover) for the sets of FD's H and G . Then H and G are equivalent.

(a). True

(b). False

4. The FD set $F = \{A \rightarrow C\}$ covers $H = \{A \rightarrow B, B \rightarrow C\}$;
(that is, whenever F is satisfied, H is satisfied as well).

(a). True

(b). False