

4c)

# Final set of tables and projected FDs

$R_1 =$ ACDF	BD	BC	EF	DG	<del>AFG</del>
$D \rightarrow AFC$ $A \rightarrow CDF$ <del>ACDF</del>	$D \rightarrow B$ $B \rightarrow D$	$B \rightarrow C$ $C \rightarrow B$	$F \rightarrow E$	$\phi$	$AG \rightarrow F$

5 points

This is ~~is~~ dependency preserving since all FDs in the original set can be derived from the union of the projected FDs, <sup>minimal cover</sup>

5 points