Quiz 2, Fall 2018 CSCI 4380 Database Systems Time: 15 minutes	Name 1:
Rules.	
 Open book and notes. Do not use any election You can talk to anyone in class. If you knote that the people, so find someone to talk to. Put you 	ow the answer, help someone else in class. most three people. Most quizzes should be by three
Question (Points: (a) 7, (b) 8, (c-d) 10 $R(A, B, C, D, E, F)$, $\mathcal{F} = \{AB \rightarrow CDE, AE \rightarrow E, $,
(a) List all keys. Answer.	
(b) Is it in BCNF? Is it in 3NF? Explain why dependency satisfies BCNF or 3NF conditional Answer.	or why not by discussing whether each functional ons.

(c) Convert to BCNF using BCNF decomposition if it is not already in BCNF.

Answer.

(d) Convert to 3NF using 3NF decomposition if it is not already in 3NF.

Answer.