1.
R(<u>A</u>,B,C,D,E) key{A}
R1(<u>D</u>,B)BCNF
R2(<u>A</u>,E)BCNF
R3(<u>E</u>,C,D)BCNF
2.
i)ii)
R(A,B,<u>C,D</u>,E,F) keys{C,D}:
R1(<u>C</u>,A) 3NF,BCNF
R2(<u>C,D</u>,E) 3NF,BCNF
R3(<u>D</u>,F) 3NF,BCNF
R4(<u>A</u>,B)3NF,BCNF

3.
i)
keys {C,D}
R(A,B,<u>C,D</u>):
R1(C,A)3NF,BCNF
R2(B,<u>C,D</u>)3NF,NOT BCNF
ii)or {B,C}
R(A,<u>B,C</u>,D):
R1(<u>B</u>,D)3NF,BCNF
R2(<u>B,C</u>)3NF,BCNF
R3(<u>C</u>,A)3NF,BCNF