Candidate key-Activity

1. R(A,B,C,D,E) FD={ABD->C, BC->D, CD->E}

PA – ABD

CK – ABD, ABC

ABCDE+ = {ABCDE}

ABD+ = ABDCE

AB+ = {AB} A+ = {A}

AD+ = {AD} B+ = {B}

BD+ = {BD} D+ = {D}

ABC+ = {ABCDE}

AB+ = {AB}

BC+ = {BCDE}

AC+ = {AC}

1. R(A,B,C,D,E) FD={AB->E, AD->B, B->C, C->D}

PA – ABDC

CK – AB, AD, AC

ABCDE+ = {ABCDE}

AB+ = {ABCDE}

A+ = {A}

B+ ={BCD}

AD+ = {ADBCE}

D+ = {D}

AC+ = {ACDBE}

C+ = {CD}

1. R(A,B,C,D) FD={A->B, B->D, A->D}

PK – AC

CK – AC

ABCD+ = {ABCD}

AC+ = {ABDC}

1. R(A,B,C,D,E) FD={AB->C, BC->D, D->E, CE->B}

PK – ABCED

CK – AB, ACE, ACD

ABCDE+ = {ABCDE}

AB+ = {ABCDE}

A+ = {A}

B+ = {B}

ACE+ = {ACEBD}

AC+ = {AC}

AE+ = {AE}

ABE+ = {ABECD}

AB+ =

ACD+ = {ACDEB}

AC+ = {AC}

AD+ = {ADE}

ACB+ = {ACBDE}

AB+ =