14.24

AB+ = ABCDEFGHIJ
A+ = ADEIJ
B+ = BFGH
F+= FGH
D+ = DIJ

{A, B} is the key for R.

2NF
R1(A, D, E, I, J)
R2(B, F, G, H)
R3(A, B, C)

3NF
R1(A, B, C)
R2(A, D, E)
R3(D, I, J)
R4(B, F)
R5(F, G, H)

14.25

AB+ = ABCI
BD+ = BDEF
AD+ = ADGHIJ
None the pair or single attributes give determine all the other attributes.
Combine
ABD+ = ABDCIEFGHJ
Key is (A, B, D)

2NF
R1(A, B, C)
R2(B, D, E, F)
R3(A, D, G, H, J)
R4(A, I)
R5(A, B, D)

3NF
R1(A, B, C)
R5(A, I)
R2(B, D, E, F)

R3(A, D, G, H)
R4(H, J)