Database Design

1) B+=[A,B,C,D,G] (BF) = {A,B,C,P,F,G,H} c+=(A,C,G) (CEH) = [A, B, C, D, E, F, G, H] (CH) = {A, B, C, D, G, H} Ans: B + CP, BF > H, C-AG, CH-B 2) (B, C,D) = (A,B,E,F,G,H) F=[B-AG-BF-)Hj (A.B.G) = (B, E, F, H) F=[B=AG] F4=[BF=H] (B,F,H) 和 (B,E,F) F=[BF>H] F=() An ((B,C,D), (A,B,G), (B,F,H), (B,E,F) 3) F= {B→CD BF→H, C→AG CEH→F, CH→B} F'=[B>cD] U[B>AG] U (BF>H) F + F + Ans:NO

2) F= {A>CF, BCG>D, CF-)AH, D>B, H-) DEG} 3) (A,C,F), (B,C,D,G), (A,C,F,H), (B,D), (D,E,A,H) 4) (B, C, D, G) F={BCG>D,D>B3本满足BCNF=>ty allow redundancy 3 (1) { 2) F+= {A>B,B>C,A>C.C>A,B>A.C>B} $x \in \{B \rightarrow A, B \rightarrow C, C \rightarrow B, C \rightarrow A\}$ U b) F= (C>B, B>A, C>A, A-> C, B-> C, A->B) X c) F = [A>B, B > A, B > C, A > C} X d) F= [A>B, A>C, C>A, C>B) Ans: b 3) (