SET E

TRANSACTION	ITEMS
T1	F, D, B, E, G, A, C
T2	C, D, E, G
T3	D, B, G, F
T4	G, F, B, E, A, D
T5	E, C, A, F, B, G, D
T6	D, G, E, A
T7	G, F, C, B
T8	A, G, F, C, B
T9	B, A, C, G, F
T10	D, G, B, F
T11	F, A, E, D, B
T12	A, G, C, E, F, B
T13	C, A, B, D, G
T14	F, D, E, A
T15	F, G, B, A, C, E, D

Answer the following, write the correct answer on your paper:

For uniformity, all initial calculations and final answers should be in two decimal places, not rounded.

1. What is the support for itemset {C, E, D}

2. What is the support for itemset {F, G, A}

3. What is the lift for itemset {A, D} → F

4. What is the lift for itemset (G, D, E} → B

5. What is the confidence for itemset {C, A, F} → E

6. to 10. Given the transactions above construct the final FP-Tree with counters. If there is a tie in frequencies, alphabetical order will prevail.