

SET B

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

- 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, A}
  2. What is the support for itemset {G, F, D}
  3. What is the lift for itemset {A, F} → C
  4. What is the lift for itemset (F, A, D) → E
  5. What is the confidence for itemset {A, E} → D
  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.