

4.2.4.7

Q: Database TDB

min sup = 2

Tid	Items
10	A C D
20	B C E
30	A B C E
40	B E

Solution: ① C:

Itemset	sup
A	2
B	3
C	3
<del>D</del>	<del>1</del>
E	3

$1 < 2$

② L<sub>1</sub>

Itemset	sup
A	2
B	3
C	3
E	3

$$\textcircled{3} C_2 : L_1 \bowtie L_1$$

Zfemset	sup
<del>A B</del>	<del>1</del>
A C	2
<del>A E</del>	<del>1</del>
B C	2
B E	3
C E	2

Tid	Items
10	<u>A C D</u>
20	<u>B C E</u>
30	<u>A B C E</u>
40	<u>B E</u>

$$\textcircled{4} L_2$$

Zfemset	sup
A C	2
B C	2
B E	3
C E	2

$$\textcircled{5} C_3 : L_2 \bowtie L_2$$

Zfemset	sup
<del>A B C</del>	<del>1</del>
<del>A C E</del>	<del>1</del>
B C E	2

Database TDB

Tid	Items
10	A C D
20	B C E
30	<u>A B C E</u>
40	B E

minsup=2

⑥  $L_3$ : no others  $I_{\text{for set}} \rightarrow \text{stop}$

$I_{\text{for set}} \quad \text{sup}$

BC E      2