

Q5

(A)

Page ID	rec LSN
P1	1
P2	2
P3	3

(B)

Transaction ID	Last LSN	State
T2	5	U
T3	11	C

(C)

T2

(D)

There's no CLR during the redo phase, because no transaction was aborted before the crash.

(E)

There are 2 CLR records are added in in the UNDO phase. Including LSN:2 and 5