GATE 2013

R (ABCDEFGH)
CH → G
A → BC
B → CFH
E → A
F → EG

Find the number of candidate keys?

Sol. Which one is not at right side.

That is D.

so,

[D]+ → D

Its not candidate key., because not all keys determined in it.

[DA]+ → DABCFHEG

Its candidate key because all keys are determined in it.

[DB]+ → ABCFHEGA

Its candidate key because all keys are determined in it.

[DC]+ → DC

Its not candidate key., because not all keys determined in it.

[DE]+ → DEABCFHG

Its candidate key because all keys are determined in it.

[DF]+ → DFEGABCH

Its candidate key because all keys are determined in it.

[DCH]+ → DCHG

Its not candidate key., because not all keys determined in it.

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