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SSN COLLEGE OF ENGINEERING
Department of Computer Science & Engineering
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CS8492-Database Management Systems
Topic: Closure of set of attributes
CLASS EXERCISE
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A) Given the set of functional dependencies S for a relation R=(A,B,C,D,E)
1. A-->BC
2. CD-->E
3. B-->D
4. E-->A

List the candidate keys of R.
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B) Consider the following relation:
CAR_SALE(Car#, Salesman#, Date_sold, Commission%, Discount_amt)
the FDs are given below:
1) {Car#, Salesman#} -> Date_sold
2) Date_sold -> Discount_amt
3) Salesman# -> Commission%

What is the candidate key for CAR_SALE?
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