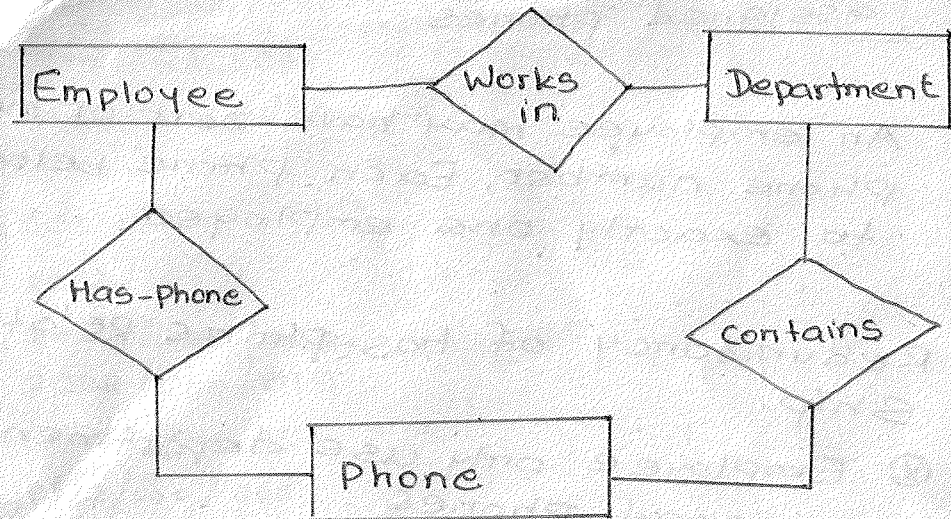


Group-6

1. 2022/SP/133
2. 2022/CSC/025
3. 2022/CSC/026
4. 2022/CSC/059
5. 2022/CSC/080
6. 2022/SP/011
7. 2022/CSC/088
8. 2022/CSC/019
9. 2022/CSC/017
10. 2022/CSC/068
11. 2022/SP/097
12. 2022/SP/059
13. 2022/SP/164
14. 2022/SP/156
15. 2022/SP/073
16. 2022/CSC/040
17. 2021/SP/298
18. 2022/CSC/036
19. 2022/CSC/089
20. 2022/CSC/097
21. 2022/CSC/038
22. 2022/CSC/006
23. 2022/CSC/032

p-06

Question:- 3.24



Cardinality.

Works in between employee and Department

- employee : (0, 2)
- department : (1, M)

An employee may work in up to two department or may not be assigned to any department. Each department can have one or more employee.

Contains between Department and phone

- Department : (1, 3)
- phone : (1, 1)

Each department must have one and may have up to three phone numbers. Each phone number is associated with exactly one department.

Has-phone between employee and phone

- employee - (0, N)
- Phone - (1, 1)

Employee only use department assigned phones.

An employee may have zero or more phone number, Each phone belongs to exactly one employee.

Redundancy of has-phone Relation ship.

② Employee only use department assigned phones.

Employee do not have personal work phones.

If a phone is always assigned through a department and not directly linked to an employee then Has-phone is unnecessary.