

DBMS questions WITH ANSWERS

1. administrations of system. Administrator is person who is actually owner of Courier
PAGE NUMBER :- 105
2. Consider 'Courier Services System'. In which Administrator is person who handles
PAGE NUMBER :- 105
3. Determine functional dependency in Mark sheet table given below:
PAGE NUMBER :- 112
4. different Payment modes.
5. Discuss different applications Of DBMS.
PAGE NUMBER :- 18
6. Draw ER diagram for Courier Service System.
PAGE NUMBER :- 106
7. etc. Payment _ Mode option is available for Client. Client can do Payments by using
8. Explain ACID properties with the example
PAGE NUMBER :- 139
9. Explain different services provided by DBMS Over conventional file system.
PAGE NUMBER :- 16
10. Explain structure of DBMS.
PAGE NUMBER :- 22/23/24
11. Explain the concept of Super Key, Candidate Key and Primary Key with examples.
PAGE NUMBER :- 97
12. Explain transaction states by giving an example.
PAGE NUMBER :- 126
13. Explain two phase locking protocol?
YOUTUBE
14. Explain what is data and information with example?
YOUTUBE
15. What are different types of user that play different roles in a database environment?
PAGE NUMBER :- 20
16. what are joins? List down the types of joins.
YOUTUBE
17. What are the different components of database. Explain.
PAGE NUMBER :- 10
18. What are the different set operations? Explain cross product with example.
PAGE NUMBER :- 43

19. What is a data model? Explain any two types of data models.

PAGE NUMBER :- 29

20. What is a Functional dependency?

PAGE NUMBER :- 111

21. What is a weak entity and strong entity by giving an example each?

PAGE NUMBER :- 86/87

22. What is aggregate function? Describe any five useful aggregate functions.

PAGE NUMBER :- 60

23. What is an attribute? Explain any two types of attributes.

PAGE NUMBER :- 88

24. What is data model. Explain record based logical model,

PAGE NUMBER :- 32

25. What is data modelling? Explain basic styles of data models.

PAGE NUMBER :- 83

26. What is Database? What are three advantages of DBMS?

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27. What is De-Normalization?

PAGE NUMBER :- 119

28. What is decomposition or small schema?

PAGE NUMBER :- 109

29. What is DML? Discuss different DML statements.

PAGE NUMBER :- 21/22

30. **DRARSHAJM**

31. What is ER modelling? Explain steps in E-R Modelling.

PAGE NUMBER :- 99

32. What is foreign key? Explain foreign key constraint.

PAGE NUMBER :- 65

33. What are keys? Explain different keys for relationship set.

PAGE NUMBER :- 97

34. What is normalization? Explain the need of normalization.

PAGE NUMBER :- 115

35. What is RDBMS? Explain different relational database components.

PAGE NUMBER :- 33

36. What is relationship? Explain different types of relationships.

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37. What is schedule? Explain recoverable schedules.

PAGE NUMBER :- 139

38. What is SQL? Also List down the DDL and DML commands.

PAGE NUMBER :- 52

39. What is transaction? Explain the properties of transaction.

PAGE NUMBER :- 124

40. What is union? Describe union operator with suitable example.

PAGE NUMBER :- 72

41. Explain database and its components in detail.

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42. Explain file and its types.

YOUTUBE

43. Explain operations on a file.

PAGE NUMBER :- 08

44. Explain a. Entity b. Attribute c. Domain d. Instance e. Tuple

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45. Explain data and its types

YOUTUBE

46. Write any 4 differences between DBMS and RDBMS

YOUTUBE

47. What is metadata?

PAGE NUMBER :- 25

48. Explain the structure of DBMS

YOUTUBE

49. What are the different types of users role in database environment.

YOUTUBE

50. Explain different services provided by DBMS over conventional file system.

YOUTUBE

51. What is RDBMS? Explain different relational db components.

YOUTUBE

52. Discuss different applications of DBMS.

YOUTUBE

53. What is DDL? Explain any two DDL with example.

PAGE NUMBER :- 21

54. What is data model? Explain basic types of data model.

YOUTUBE

55. What is set operator? Explain set operations with example.

YOUTUBE

56. Explain record based model with example.

YOUTUBE

57. What are joins ? List down the types of joins.

YOUTUBE

58. Explain types of integrity constraints.

YOUTUBE

59. Explain hierarchical model with an example.

PAGE NUMBER :- 35

60. What is ER model? Explain the steps in ER model.

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61. What is denormalization?

PAGE NUMBER :- 119

62. What are the advantages and disadvantages of normalization.

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63. Explain types of normalization with example.

PAGE NUMBER :- 115

64. 1.Explain any five datatypes in SQL.

PAGE NUMBER :- 52/53

65. Write a short note on primary key with an example.

PAGE NUMBER :- 65

66. What is database constraints.Explain check constraint with an example.

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67. Define with example and syntax group by clause.

YOUTUBE

68. What is string operations? Explain any 5 string operations with example.

PAGE NUMBER :- 75

69. Explain transaction state by giving an example.

YOUTUBE

70. Explain ACID properties in detail.

YOUTUBE

71. What is schedule? Explain recoverable schedule.**

YOUTUBE

72. Write the following operations on transactions

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73. Read-Item(X)

YOUTUBE

74. Write-Item(X)

YOUTUBE

75. 5 Explain in detail concurrency control multiple update problems in detail.

PAGE NUMBER :- 130

76. Explain the terms 1. Cascadeless rollback 2. Strict schedule 3. Cascadeless schedule

PAGE NUMBER :- 138

77. Explain recoverability in detail.

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78. What is PL/SQL. Explain its advantages and disadvantages

YOUTUBE

79. Explain the difference between SQL and PL/SQL

YOUTUBE

80. Explain datatypes used in PL/SQL with example.

YOUTUBE

81. Explain in detail the syntax of PL/SQL

YOUTUBE

82. Explain the difference between function and procedure in PL/SQL with syntax.

YOUTUBE

83. Explain trigger in detail.

YOUTUBE

84. Write a PL-SQL program to swap two numbers

YOUTUBE