QB365 Question Bank Software Study Materials

Database Concepts 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

Computer Science

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

1) What is the acronym of DBMS?

(a) DataBase Management Symbol   (b) Database Managing System   **(c) DataBase Management System**

(d) DataBasic Management System

2) A table is known as

(a) tuple   (b) attribute   **(c) relation**   (d) entity

3) Which database model represents parent-child relationship?

(a) Relational   (b) Network   **(c) Hierarchical**   (d) Object

4) Relational database model was first proposed by

(a) E F Codd   (b) E E Codd   (c) E F Cadd   (d) E F Codder

5) What type of relationship does hierarchical model represents?

(a) one-to-one   **(b) one-to-many**   (c) many-to-one   (d) many-to-many

6) Who is called Father of Relational Database from the following?

(a) Chris Date   (b) Hugh Darween   **(c) Edgar Frank Codd**   (d) Edgar Frank Cadd

7) Which of the following is an RDBMS?

(a) Dbase   (b) Foxpro   (c) Microsoft Access   **(d) SQLite**

8) What symbol is used for SELECT statement?

(a) σ   (b) Π (c) X   (d) Ω

9) A tuple is also known as

(a) table   **(b) row**   (c) attribute   (d) field

10) Who developed ER model?

(a) Chen   (b) EF Codd   (c) Chend   (d) Chand

11) Which of the following allows users to store, process and analyze data easily?

(a) My SQL   (b) Relational Algebra   (c) Datamodels   **(d) DBMS**

12) Which of the following is not an example of DBMS?

(a) Foxpro   (b) Dbase   **(c) CoBoL**   (d) Ms-Access

13) Which of the following is not a DBMS component?

(a) Hardware/Square   (b) Data   (c) Procedures   **(d) Data model**

14) Which of the following groups data among records specific categories or types of data?

(a) Table   (b) file   **(c) Field**   (d) Relation

15) How the data can be represented and accessed from a software after complete implementation described by

(a) Data model   (b) Data implementation   (c) Data redundancy   (d) Data integrity

16) How many types of data models are there?

(a) 4   (b) 3   **(c) 5**   (d) 7

17) IBM developed Hierarchical model as

(a) Data Management system   (b) Information Hierarchical system   **(c) Information Management system**
(d) Information model system

18) In which data model, data is represented as a simple tree like structure form?

(a) Hierarchical model   (b) Network database   (c) ER model   (d) Relational model

19) Network database model represents the data in which of the relationships?

(a) one to one   (b) one to many   **(c) many to many**   (d) many to one

20) Which database model is simple and easy to design logical view of database?

(a) Hierarchical   (b) Object   (c) Relational   **(d) ER model**

21) GIS expansion is

(a) Geographic Information System   (b) Global Information System   (c) Global Information Source
(d) Geographic Intelligent System

22) How many types of DBMS users are there?

(a) 2   (b) 3   **(c) 4**   (d) 5

23) Who manages the complete database management system?

(a) End user   **(b) DBA**   (c) DB designer   (d) software developer

24) Who are the one responsible for identifying the data to be stored in the data base?

(a) DBA   (b) Application programmers   (c) End user   **(d) Database designers**

25) Find the odd man out

(a) ER mode   **(b) data model**   (c) Hierarchical model   (d) Relational model

26) Database normalization was first proposed by

(a) Chen   (b) Edgar F Cadd   **(c) Edgar IF Codd**   (d) Hugh Darwen

27) Which of the following was used for modeling the data stored in relational databases?

(a) ER model   (b) Modern algebra   **(c) Relational Algebra**   (d) Object model

28) Expansion of SQL is

(a) Structured Question Language   (b) Selection Query Language   (c) Structured Query Language

(d) Structured Query Language

29) Which defines a relation consisting of a set of all tuple that are in both in A and B?

(a) A U B   (b) A -B   (c) A x B   **(d) A ∩ B**

30) The term _____ is used to refer to any of the DBMS

(a) Object   **(b) Database**   (c) Data model   (d) Data mining

31) _____ is formatted data

(a) Raw facts   (b) Database   **(c) Information**   (d) DBMS

32) _____ is a repository collection of related data

(a) SQL   (b) Information   (c) Entities   **(d) Database**

33) A _____ is a software used to create, store and manipulate database

(a) Relational Algebra   **(b) DBMS**   (c) SQL   (d) My SQL

34) _____ is the entire collection of related data

(a) Square   (b) Procedures   (c) Table   **(d) Table or file**

35) In _____ where the data is organized as row and column

(a) Database   (b) DBMS   **(c) File or table**   (d) Procedure or methods

36) Hierarchical model represents a _____ relationship.

(a) one to one   (b) many to one   **(c) are to many**   (d) many to many

37) A table column is known as _____

(a) Relation   **(b) Attribute**   (c) Tuple   (d) record

38) A _____ is an attribute which uniquely identifies a particular tuple

(a) relation key   (b) row key   (c) data key   (d) tuple key

39) _____ data model provides a clear modular structure of a data

(a) object   (b) Relational   (c) Hierarchical/ER-model   (d) All of these

40) Relational Algebra was first created by _____

(a) E F Codd   (b) Chen   (c) Chris Date   (d) Hugh Darwen

41) _____allows us to have relationship between tables which makes the data more meaningful and connected.

(a) DBMS   (b) Program   (c) Software   (d) Hardware

42) _____ managing the license keys managing user accounts and access etc.

(a) GIS   **(b) DBA**   (c) GAB   (d) none

43) Which Property is important in order to reduce and improve data integrity?

(a) Data storage   (b) Data access   (c) Database distribution   **(d) Database normalization**

44) What is the output for Table A-B?

Table A		Table B	
Studno	Name	Stud no	Name
CS1	Nannan	CS1	Kannan
CS2	Kumar	Cs2	Prakash

(a) CS1 Kannan   (b) CS1 Kannan → Studno Name   **(c) CS2 Kumar**   (d) None of the above

45) _____ relation contains both relations being combined.

(a) Union   (b) Variable   (c) Functions   **(d) Cartesian product**

46) _____ includes all tuples that are in tables.

(a) Difference   (b) Symmetric   **(c) Union**   (d) Intersection

47) A data may contain any _____.

(a) character   (b) text   (c) number   **(d) all the above**

48) Hierarchical model has _____ relationship.

(a) one to many   (b) many to one   (c) one to one   (d) many to many

49) Which model is faster to access data?

(a) ER model   (b) Object   (c) Relational model   **(d) Network database model**

50) _____ is the one who manages the complete database management system.

(a) GIS   (b) GPS   **(c) DBA**   (d) BAD