

# QB365 Question Bank Software Study Materials

## Data Manipulation Through SQL 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) Which of the following is an organized collection of data?  
**(a) Database** (b) DBMS (c) Information (d) Records
- 2) SQLite falls under which database system?  
(a) Flat file database system **(b) Relational Database system** (c) Hierarchical database system  
(d) Object oriented Database system
- 3) Which of the following is a control structure used to traverse and fetch the records of the database?  
(a) Pointer (b) Key **(c) Cursor** (d) Insertion point
- 4) Any changes made in the values of the record should be saved by the command  
(a) Save (b) Save As **(c) Commit** (d) Oblige
- 5) Which of the following executes the SQL command to perform some action?  
**(a) Execute()** (b) Key() (c) Cursor() (d) run()
- 6) Which of the following function retrieves the average of a selected column of rows in a table?  
(a) Add() (b) SUM() **(c) AVG()** (d) AVERAGE()
- 7) The function that returns the largest value of the selected column is  
**(a) MAX()** (b) LARGE() (c) HIGH() (d) MAXIMUM()
- 8) Which of the following is called the master table?  
**(a) sqlite\_master** (b) sql\_master (c) main\_master (d) master\_main
- 9) The most commonly used statement in SQL is  
(a) cursor **(b) select** (c) execute (d) commit
- 10) Which of the following clause avoids the duplicate?  
**(a) Distinct** (b) Remove (c) Where (d) GroupBy
- 11) Which of the following is fast, flexible and easy to work?  
(a) CSV **(b) SQLite** (c) Perl (d) Ruby
- 12) Which method is used by SQLite to create a connection with a database file?  
(a) cursor () (b) lite () **(c) connect ()** (d) connection ()
- 13) The SQLite command to open an already created database is  
(a) Cursor (b) Sql-comm **(c) Connect** (d) Connection
- 14) Which of the following is a command to open an already created database from the statement connection = sqlite3.connect ("ABC.db")

- (a) ABC.db    **(b) connect**    (c) SQLite3    (d) connection
- 15) Which of the following is used to define a SQL command in SQLite3?  
(a) ""    (b) "" ""    (c) ''    **(d) "" "" "" ""**
- 16) The command to populate the table is  
(a) ADD    (b) APPEND    **(c) INSERT**    (d) ADDROW
- 17) Which of the following statements in SQL is used to retrieve or fetch data from a table in a database?  
**(a) select**    (b) inset    (c) create    (d) fetch
- 18) Which SQLite method is used to fetch all rows from the database table?  
(a) fetch ()    (b) fetchrowsAll ()    (c) fetchmany ()    **(d) fetchall ()**
- 19) Which of the following clauses will not work in SQLite?  
(a) DISTINCT    (b) HAVING    **(c) FETCHALL**    (d) WHERE
- 20) Which SQLite keyword is used to fetch only the unique value from a database table?  
(a) UNIQUE    **(b) DISTINCT**    (c) GROUPBY    (d) HAVING
- 21) Which SQLite keyword is used to extract only those records that fulfill a specified condition?  
**(a) WHERE**    (b) EXTRACT    (c) CONNECT    (d) CURSOR
- 22) Which of the following clauses is often used with aggregate functions to group the result?  
(a) ORDERBY    (b) WHERE    **(c) GROUP BY**    (d) DISTINCT
- 23) Which of the following is not an aggregate function?  
(a) SUM    (b) COUNT    (c) MAX    **(d) POW**
- 24) The SQLite clause used to sort the data in the table is  
(a) SORT    **(b) ORDER BY**    (c) GROUP BY    (d) ASC SORT
- 25) In which clause can group functions be used?  
(a) WHERE    **(b) HAVING**    (c) DISTINCT    (d) GROUP BY
- 26) The WHERE clause cannot be combined with  
(a) AND    (b) OR    **(c) XOR**    (d) NOT
- 27) Which of the following operators cannot be used to filter records based on more than one condition?  
(a) AND    (b) OR    (c) XOR    **(d) NOT**
- 28) Which values cannot be counted?  
(a) Integer    (b) String    (c) Float    **(d) Null**
- 29) The command to modify the values in an existing table  
(a) MODIFY    (b) SELECT    **(c) UPDATE**    (d) CHANGE
- 30) Which of the following placeholders does the SQLite3 module support?  
**(a) % mark style**    (b) named style    (c) module style    (d) a and b
- 31) cursor.description will be stored as a  
(a) list    (b) set    **(c) tuple**    (d) dictionary
- 32) The table's field names can be displayed using

- (a) cursor.connect (b) cursor.execute (c) cursor.commit (d) **cursor.description**
- 33) \_\_\_\_\_ is a simple relational database system.
- (a) Cython (b) Boost (c) MySQL (d) **SQLite**
- 34) \_\_\_\_\_ has a native library of SQLite.
- (a) **Python** (b) C++ (c) Java (d) C
- 35) All the SQLite commands will be executed using \_\_\_\_\_ object
- (a) connect (b) **cursor** (c) CSV (d) python
- 36) \_\_\_\_\_ function returns the number of rows in a table satisfying the criteria specified in the where clause?
- (a) Distinct (b) **Count** (c) Having (d) Counter
- 37) Count ( ) returns \_\_\_\_\_ if there were no matching rows.
- (a) **0** (b) 1 (c) NOT NULL (d) NULL
- 38) \_\_\_\_\_ SQLite command contain the details of each table column headings
- (a) **cursor.description** (b) cursor.connect (c) cursor.column (d) cursor.fieldname
- 39) In Python, the path of a file can be represented as\_\_\_\_\_.
- (a) **/ or \** (b) \\ or / (c) \ or ? (d) // or ?
- 40) To define a SQL command with a \_\_\_\_\_ quoted string in Python.
- (a) One (b) Two (c) **Three** (d) Four
- 41) To populate the table \_\_\_\_\_ command is passed to sqlite.
- (a) Connection (b) Cursor (c) commit (d) **Insert**
- 42) Which statement is used to retrieve or fetch data from a table in a database?
- (a) Insert (b) Connection (c) **Select** (d) Execute
- 43) The \_\_\_\_\_ method returns the next row of a query result set.
- (a) fetchall () (b) **fetchone ()** (c) fetchmany () (d) null
- 44) To print all elements in new lines or separated by space use sep = \_\_\_\_\_.
- (a) **"\n"** (b) "\t" (c) "\f" (d) "\d"
- 45) The unique values are fetched by using \_\_\_\_\_.
- (a) **DISTINCT** (b) WHERE (c) GROUP BY (d) ORDER BY
- 46) What are the functions used with Group by clause?
- (a) COUNT (b) MAX (c) MIN (d) **All the above**
- 47) Which clause is used to filter data based on group functions?
- (a) DISTINCT (b) WHERE (c) **HAVING** (d) ORDER BY
- 48) The \_\_\_\_\_ operators are used to filter records based on more than one condition.
- (a) **AND or OR** (b) AND & NOT (c) NOT & OR (d) AND, OR & NOT
- 49) Count () returns \_\_\_\_\_ if these were no matching rows.
- (a) **0** (b) 1 (c) Infinite (d) null

50) Which command is used to find average?

(a) average (): (b) mean (): (c) avg(): **(d) AVG():**