SECOND MID TERM TEST - 2024

STANDARD - XII

COMPUTER SCIENCE

TIME: 1.30 hrs

MARKS:50

Part - I

10x1=10

I Choose the correct answer

1. A table is known as

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

2. Who developed ER Model?

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

3. Queries can be generated using

   a) SELECT   b) ORDER BY   c) MODIFY   d) ALTER

4. Which command lets to change the structure of the table?

   a) SELECT   b) ORDER BY   c) ALTER   d) MODIFY

5. A CSV fire is alwo known as a _____

   a) Flat file   b) 3D file   c) String file   d) Random File

6. Which of the following creates an object which maps data to a dictionary?

   a) listreader()   b) reader()   c) tuplereader()   d) Dictreader()

7. What does - name - contains?

   a) C++ file name   b) main() name   c) python file name   d) OS module name

8. Importing C++ program in a python program is called?

   a) Wrapping   b) downloading   c) Inter connecting   d) Parsing

9. The function that returns the largest value of the selected column is

   a) MAX()   b) LARGE()   c) HIGH()   d) MAXIMUM()

10. SQLite falls under which database system?

    a) Flat File data base system

    b) Relational data base system

    c) Hierarchical data base system

    d) object oriented data base system

(2)   **XII Computer Science**

Part - II

II   Answer any 5 Questions. Q.No. 17 is compulsory.   **5x2=10**

11. Which method is used to connect a database? Give an example?
12. Write the expansion of (i) SWIG (ii) MinGW.
13. List some examples of RDBMS?
14. Differentiate Unique and Primary Key constraint?
15. What is use of next() function?
16. How will you Sort more than one column from a CSV file? Give an example statement.
17. Write a query that selects all students whose age is less than 18 in order wise.

Part - III

III   Answer any 5 Questions. Q.No. 24 is compulsory.   **5x3=15**

18. Mention the difference between fetchone() and fetchmany()?
19. Identify the module, operator, definition name for the following: welcome.display()
20. What is the difference between the write mode and append mode?
21. Write any three DDL commands.
22. Explain cartesian product with a suitable Example?
23. Write a SQL Statement using DISTINCT Keyword?
24. Write a Python program to read a CSV file With default delimiter comma(,).

Part - IV

IV   Answer all the Questions.   **3x5=15**

25. a) Write in brief about SQLite and the steps used to use it?

                          (OR)

    b) What is the purpose of sys, os, getopt module in Python. Explain?

26. a) Tabulate the different mode with its meaning?

                          (OR)

    b) What are the components of SQL? Write the commands in each?

27. a) Differentiate DBMS and RDBMS?

                          (OR)

    b) Write a SQL Statement to create a table for employee having any Five fields and create a table constraint for the employee table.

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