SECOND MID-TERM TEST- 2024

Exam No.	1	2	5	3	3

Time : 1.30 Hours

XII-COMPUTER SCIENCE

Marks : 50

PART -I

Note: i) Answer all the questions.   (10x1=10)

ii) Choose the best answer and write option code with corresponding answer.

1. Relational database model was first proposed by
   a) E F Codd
   b) E E Codd
   c) E F Cadd
   d) E F Codder

2. Who developed ER model?
   a) Chen
   b) E Fcodd
   c) Chend
   d) Chand

3. Which command lets to change the structure of the table?
   a) SELECT
   b) ORDER By
   c) MODIFY
   d) ALTER

4. Queries can by generated using
   a) SELECT
   b) ORDER BY
   c) MODIFY
   d) ALTER

5. A CSV file is also known as a _____
   a) Flat file
   b) RD file
   c) String file
   d) Random file

6. The command used to skip a row in a CSV file is
   a) next()
   b) skip()
   c) omit()
   d) bounce()

7. Which of the following is not a scripting language?
   a) Java script
   b) PHP
   c) Perl
   d) HTML

8. A frame work for interfacing python and C++ is
   a) Ctypes
   b) SWIG
   c) Cython
   d) Boost

9. The module which allows you to interface with the windows operating system is
   a) OS module
   b) sys module
   c) csv module
   d) getopt module

10. What does _ _name_ _ contains?
    a) C++ filename
    b) main()name
    c) Python filename
    d) OS module name

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PART -II

Note: Answer any 5 questions. Question No.17 is Compulsory.   (5x2=10)

11. What is data consistency?

12. What is normalization?

13. What is the difference between Hierarchial and Network data model?

14. Differentiate unique and primary key constraint.

15. What is the difference between SQL and MySQL?

16. What is CSV file?

17. Write the expansion of i) SWIG   ii) MinGW

PART -III

Note: Answer any 5 questions. Question No.24 is Compulsory.   (5x3=15)

18. What is the role of DBA?

19. Write a note on different types of DBMS users.

20. Write any three DDL Commands.

21. Write a SQL statement using DISTINCT keyword.

22. What is the difference between reader() method and DictReader() class.

23. What are the applications of scripting language?

24. Write short notes on phython file modes.

PART -IV

Note: Answer all the questions.

                                                                        (3x5=15)

25. a) Write the different types of constraints and their functions.

                    (OR)

     b) Construct the following SQL statements in the student table.
        i) SELECT statement using GROUP By clause.
        ii) SELECT statement using ORDER By clause.

26. a) Explain the different types of relationship modify.

                    (OR)

     b) Differents Excel file and CSV file.

27. a) Write any 5 features of python.

                    (OR)

     b) Write a different methods to read a File in Python.

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