Ts12CS

Common Second Mid Term Test - 2024

28-11-24   **Standard 12**   Marks: 35

Time: 1.30 Hours   **COMPUTER SCIENCE**   10×1=10

I.   Choose the correct answer.

1) A Table is known as
   a) relation   b) table
   c) attribute   d) entity

2) What symbol is used for PROJECT Statment?
   a) σ b) Ω c) π d) X

3) Which command lets to change the structure of the table?
   a) Select   b) Alter
   c) Modify   d) OrderBy

4) The clause used to Sort data in a data base
   a) Sory By   b) Group By
   c) Order By   d) Select

5) Which constraint helps to set a limit value placed for a field
   a) Unique constraint   b) Primary Key constraint
   c) Default constraint   d) Check constraint

6) A CSV file is also known as a ....
   a) String file   b) Flat file
   c) 3D file   d) Random file

7) The command used to skip a row in a CSV file is
   a) next()   b) Omit()   c) Skip ()   d) Bounce()

8) The default value of a delimiter used to separate fields in CSV files is ....
   a) Pipe(1)   b) Quotes(" ")
   c) Comma (,)   d) Hypen (−)

9) A framework for interfacing python and C++ is
   a) SWIG   b) C types
   c) Boost   d) Cython

10) getopt() will return an empty array if there is no error in splitting strings to
    a) opt variable   b) ifile variable
    c) argv variable   d) args variable

II.   Answer any 3 questions. Q.No. 14 is compulsory.   3×2=6

11) What is data consistency?

12) Write the difference between table constraint and column costraint

13) How will you sort more than one column from a CSV file?

14) What is scripting language?

III. Answer any 3 questions. Q.No. 18 is compulsory.   3×3=9

15) Write a note on different types of DBMS users

16) Write a short note on TCL commands

17) Write any three rules to be followed to format the data in a CSV file

18) What is sys.argv? What does it contain?

IV. Answer all the questions.   2×5=10

19) a) Explain the different types of data model

(OR)

b) Write the different types of constraints and their functions.

20) a) Tabulate the different types of file mode in python and explain its meaning.

(OR)

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

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