

Ts12CS

Tenkasi District
Second Mid Term Test - 2023



22-11-2023, **Standard 12**

Time: 1.30 Hours

COMPUTER SCIENCE

Marks: 35

10×1=10**I. Choose the correct answer.**

- 1) Which type relationship does hierarchical model represents?
 - a) One - to - many
 - b) Many - to - Many
 - c) One - to - one
 - d) Many - to - one
- 2) What symbol is used for SELECT statement?
 - a) π
 - b) σ
 - c) Ω
 - d) X.
- 3) The clause used to sort data in a database
 - a) SELECT
 - b) GROUP BY
 - c) SORT BY
 - d) ORDER BY
- 4) Which constraint helps to set a limit value placed for a field?
 - a) Check
 - b) Default
 - c) Table
 - d) Primary Key
- 5) Which of the following mode is used when dealing with non-text files like image or exe files?
 - a) Binary
 - b) Text
 - c) xls
 - d) csv
- 6) Which of the following creates an object which maps data to a dictionary?
 - a) reader
 - b) Tuple Reader
 - c) Dict Reader
 - d) List Reader
- 7) Which python file mode open for appending at the end of the file without truncating it?
 - a) 'r'
 - b) 'w'
 - c) 'b'
 - d) 'a'
- 8) The Expansion of API is
 - a) Application Programming Interchange
 - b) Application Performing interface
 - c) Application Programming Inter link
 - d) Application Programming Interface
- 9) The module which allows you to interface with the Windows Operating System is
 - a) Sys module
 - b) OS module
 - c) CSV module
 - d) getopt module
- 10) getopt() will return an empty array if there is no error in splitting strings to
 - a) opt variable
 - b) args variable
 - c) argv variable
 - d) name variable

II. Answer any three questions. Q.No.15 is compulsory.**3×2=6**

- 11) What is data consistency?
- 12) What is the difference between SQL and MySQL
- 13) What is the use of next() function
- 14) Differentiate compiler and interpreter
- 15) What is the use of csv.reader() function and write down its Syntax

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III. Answer any three questions. Q.No.20 is compulsory.**3×3=9**

- 16) What is the role of DBA?
- 17) Write a note on different types of DBMS users.
- 18) What is a constraint? Write a short note on Primary Key constraint.
- 19) What is the difference between reader() method and DictReader() class.
- 20) What is MinGW? What is its use?

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

- 21) a) Explain the Characteristics of RDBMS
(OR)
b) What are the components of SQL? Write the commands in each
- 22) a) Tabulate the different mode with its meaning
(OR)
b) Write down the features of Python over C++
