

12 - Std

SECOND MID TERM TEST - 2023

Time : 1.30 Hrs

COMPUTER SCIENCE

Marks : 35

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

- 1) What type of relationship does hierarchical model represent?
 - a) one-to-one
 - b) one-to-many
 - c) many-to-one
 - d) many-to-many
- 2) Which command lets to change the structure of the table?
 - a) SELECT
 - b) ORDER BY
 - c) MODIFY
 - d) ALTER
- 3) The expansion of CRLF is
 - a) Control Return and Line Feed
 - b) Carriage Return and Form Feed
 - c) Control Router and Line Feed
 - d) Carriage Return and Line Feed
- 4) A framework for interfacing Python and C++ is _____.
 - a) C types
 - b) SWIG
 - c) Cython
 - d) Boost
- 5) Which command lets to change the structure of the table?
 - a) SELECT
 - b) ORDER BY
 - c) MODIFY
 - d) ALTER
- 6) The command used to skip a row in a CSV file is
 - a) next ()
 - b) skip ()
 - c) omit ()
 - d) bounce ()
- 7) CSV is expanded as
 - a) Comma Separated Values
 - b) Condition Separated Values
 - c) Comma Special Values
 - d) Condition Special Values
- 8) A framework for interfacing python and C++ is
 - a) Cython
 - b) C types
 - c) Boost
 - d) SWIG
- 9) The module which allows you to interface with windows operating system is
 - a) OS module
 - b) Sys module
 - c) CSV module
 - d) getopt module
- 10) Which is a Data Control Language command in SQL?
 - a) Alter
 - b) Grant
 - c) Truncate
 - d) Commit

II. Answer ANY THREE Questions. Q.No. 15 is compulsory:**3×2=6**

- 11) What is the difference between Hierarchical model and Network model?
- 12) Write a query that selects all students whose age is less than 18 in orderwise in a table.
- 13) Write the method to connect a database? Give example.
- 14) What is the use of next() function?
- 15) Write the syntax of getopt method.

III. Answer ANY THREE Questions. Q.No. 20 is compulsory:**3×3=9**

- 16) Write a note on the type of DBMS users.
- 17) What is a constraint? Write the types of constraints.
- 18) Write a note on open () function of python. What is the difference between the two methods?
- 19) Differentiate Python and C++.
- 20) What is the difference between reader() method and Dict Reader() class?

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

- 21) Differentiate Excel file and CSV file. **(OR)**

What is the use of HAVING clause? Give an example Python Script.

- 22) a) Tabulate the different types of Python file modes with its meaning. **(OR)**

- b) Write the features of Python over C++.

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