



-----  
**Standard 12**

**COMPUTER SCIENCE**

Time: 1.30 Hrs.

Marks: 35

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

- 1) A table is known as  
 a) tube                      b) attribute                      c) relation                      d) entity
- 2) What symbol is used for SELECT statement?  
 a)  $\sigma$                       b)  $\pi$                       c) X                      d)  $\Omega$
- 3) Who developed ER model?  
 a) chen                      b) EF codd                      c) chend                      d) EF cadd
- 4) Which command lets to change the structure of the table?  
 a) SELECT                      b) ORDER BY                      c) MODIFY                      d) ALTER
- 5) Queries can be generated using  
 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 DBMS?
- 12) What is SQL?
- 13) What is CSV file?
- 14) What is wrapping in python?
- 15) Write the expansion of (i) SWIG (ii) Min GW.

SIVAKUMAR. M,  
 Sri Ram Matric HSS,  
 Vallam-627809  
 Tenkasi Dist.

**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) a) Differentiate DBMS and RDBMS.

**(OR)**

- b) What are the components of SQL? Write the commands in each.
- 22) a) Tabulate the different types of Python file modes with its meaning.

**(OR)**

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