

**2 MARKS TEST 1**

12th Standard  
Computer Science

Exam Time : 01:00:00 Hrs

Total Marks : 60  
30 x 2 = 60

- 1) What is abstract data type?
- 2) What is a Tuple? Give an example.
- 3) What is a scope?
- 4) How Python represents the private and protected Access specifiers?
- 5) What is an Algorithm?
- 6) What is searching? Write its types.
- 7) What are the different modes that can be used to test Python Program?
- 8) Write short notes on Exponent data?
- 9) List the control structures in Python.
- 10) Write note on range () in loop.
- 11) What is function?
- 12) How to set the limit for recursive function? Give an example.
- 13) What is String?
- 14) What is slicing?
- 15) What is List in Python?
- 16) What is set in Python?
- 17) What is class?
- 18) What is the purpose of Destructor?
- 19) Mention few examples of a database.
- 20) What is normalization?
- 21) Write a query that selects all students whose age is less than 18 in order wise.
- 22) What is the difference between SQL and MYSQL?
- 23) What is CSV File?
- 24) How will you sort more than one column from a csv file? Give an example statement.
- 25) What is the theoretical difference between Scripting language and other programming language?
- 26) What is the use of cd command. Give an example.
- 27) Mention the users who uses the Database.
- 28) Which method is used to fetch all rows from the database table?
- 29) Define: Data Visualization.
- 30) Write the difference between the following functions: `plt.plot([1,2,3,4])`, `plt.plot([1,2,3,4], [1,4,9,16])`.

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