

General Instructions

- (i) The test is of 1 hour duration.
- (ii) The question paper consists of 50 questions. The maximum marks are 250.
- (iii) 5 marks are awarded for every correct answer, and 1 mark is deducted for every wrong answer.

1. Which SQL command is used to remove all rows from a table without deleting the table structure?

- (A) DELETE
- (B) DROP
- (C) TRUNCATE
- (D) REMOVE

2. What will be the output of the following Python code?

```
a = [1, 2, 3]  
print(a[::-1])
```

- (A) [1, 2, 3]
- (B) [3, 2, 1]
- (C) Error
- (D) None

3. Which protocol is used for sending e-mails?

- (A) HTTP
 - (C) SMTP
 - (B) FTP
 - (D) TCP
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4. In Python, which data type is immutable?

- (A) List
 - (B) Dictionary
 - (C) Set
 - (D) Tuple
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5. Which of the following is NOT a valid aggregate function in SQL?

- (A) AVG()
 - (B) SUM()
 - (C) COUNT()
 - (D) COMPUTE()
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6. What is the full form of URL?

- (A) Uniform Resource Locator
 - (B) Universal Resource Link
 - (C) Uniform Reference Link
 - (D) Unified Resource Locator
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7. Which keyword is used to define a function in Python?

- (A) function
- (B) define
- (C) def
- (D) func

8. Which topology uses a central hub/switch?

- (A) Ring Topology
 - (B) Bus Topology
 - (C) Mesh Topology
 - (D) Star Topology
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9. What will be the output?

`x = 5`

`y = 2`

`print(x // y)`

- (A) 2.5
 - (B) 2
 - (C) 3
 - (D) Error
-

10. Which clause is used to filter records in SQL?

- (A) ORDER BY
 - (B) GROUP BY
 - (C) WHERE
 - (D) HAVING
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