1 **Which of these methods returns the index of the first occurrence of a substring?**  
A) find()  
B) index()  
C) search()  
D) A and B

Ans D

2 **Which string method removes whitespace from both ends?**  
A) strip()  
B) lstrip()  
C) rstrip()  
D) trim()

Ans A

3 **Which of the following is not a valid string method?**  
A) isdigit()  
B) split()  
C) append()  
D) join()

Ans C

4 **'Hello {}'.format('World') returns:**  
A) Hello {}  
B) Hello World  
C) World Hello  
D) Error

Ans B

5 **Which method adds an element to the end of a list?**  
A) insert()  
B) append()  
C) extend()  
D) add()

Ans B

6 **Which method removes the last element of a list?**  
A) del  
B) remove()  
C) pop()  
D) discard()

Ans C

7 **What is the output of this list slice: [1, 2, 3, 4, 5][1:4]?**  
A) [1, 2, 3]  
B) [2, 3, 4]  
C) [1, 2, 3, 4]  
D) [2, 3, 4, 5]

Ans B

8 **Which of these list methods modifies the original list?**  
A) sort()  
B) sorted()  
C) copy()  
D) reversed()

Ans A

9 **What is the result of [1, 2] + [3, 4]?**  
A) [1, 2, 3, 4]  
B) [4, 5, 6]  
C) [1, 2][3, 4]  
D) [1, 2 + 3, 4]

Ans A

10 **What is the output of len([[], [1], [2, 3]])?**  
A) 3  
B) 2  
C) 6  
D) 4

Ans A