

1. A list can contain only integer items

- A. False
- B. True

2. What is printed by the following statements?

```
alist = [3, 67, "cat", 3.14, False]
print(len(alist))
```

- A. 4
- B. 5

3. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [ ], 3.14, False]
print(len(alist))
```

- A. 7
- B. 8

4. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [ ], 3.14, False]
print(alist[5])
```

- A. []
- B. 3.14
- C. False

5. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [ ], 3.14, False]
print(alist[2].upper())
```

- A. Error, you cannot use the upper method on a list.
- B. 2
- C. CAT

6. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [ ], 3.14, False]
print(alist[2][0])
```

- A. 56
- B. c
- C. cat
- D. Error, you cannot have two index values unless you are using slicing.

7. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [ ], 3.14, False]
print(3.14 in alist)
```

- A. True
- B. False

8. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [ ], 3.14, False]
print(57 in alist)
```

- A. True
- B. False

9. What is printed by the following statements?

```
alist = [1, 3, 5]
blist = [2, 4, 6]
print(alist + blist)
```

- A. 6
- B. [1, 2, 3, 4, 5, 6]
- C. [1, 3, 5, 2, 4, 6]
- D. [3, 7, 11]

10. What is printed by the following statements?

```
alist = [1, 3, 5]
print(alist * 3)
```

- A. 9
- B. [1, 1, 1, 3, 3, 3, 5, 5, 5]
- C. [1, 3, 5, 1, 3, 5, 1, 3, 5]
- D. [3, 9, 15]

11. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [], 3.14, False]
print(alist[4:])
```

- A. [[], 3.14, False]
- B. [[], 3.14]
- C. [[56, 57, "dog"], [], 3.14, False]

12. What is printed by the following statements?

```
alist = [3, 67, "cat", [56, 57, "dog"], [], 3.14, False]
print(alist[4:])
```

- A. [[], 3.14, False]
- B. [[], 3.14]
- C. [[56, 57, "dog"], [], 3.14, False]

13. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
alist[2] = True
print(alist)
```

- A. [4, 2, True, 8, 6, 5]
- B. [4, 2, True, 6, 5]
- C. Error, it is illegal to assign

14. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
blist = alist
blist[3] = 999
print(alist)
```

- A. [4, 2, 8, 6, 5]
- B. [4, 2, 8, 999, 5]

15. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
blist = alist * 2
blist[3] = 999
print(alist)
```

- A. [4, 2, 8, 999, 5, 4, 2, 8, 6, 5]
- B. [4, 2, 8, 999, 5]
- C. [4, 2, 8, 6, 5]

16. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
blist = [alist] * 2
alist[3] = 999
print(blist)
```

- A. [4, 2, 8, 999, 5, 4, 2, 8, 999, 5]
- B. [[4, 2, 8, 999, 5], [4, 2, 8, 999, 5]]
- C. [4, 2, 8, 6, 5]
- D. [[4, 2, 8, 999, 5], [4, 2, 8, 6, 5]]

17. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
alist.append(True)
alist.append(False)
print(alist)
```

- A. [4, 2, 8, 6, 5, False, True]
- B. [4, 2, 8, 6, 5, True, False]
- C. [True, False, 4, 2, 8, 6, 5]

18. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
```

```
alist.insert(2, True)
alist.insert(0, False)
print(alist)
```

- A. [False, 4, 2, True, 8, 6, 5]
- B. [4, False, True, 2, 8, 6, 5]
- C. [False, 2, True, 6, 5]

19. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
temp = alist.pop(2)
temp = alist.pop()
print(alist)
```

- A. [4, 8, 6]
- B. [2, 6, 5]
- C. [4, 2, 6]

20. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
alist = alist.pop(0)
print(alist)
```

- A. [2, 8, 6, 5]
- B. [4, 2, 8, 6, 5]
- C. 4
- D. None

21. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]
alist = alist + 999
print(alist)
```

- A. [4, 2, 8, 6, 5, 999]
- B. Error, you cannot concatenate a list with an integer.

22. What is printed by the following statements?

```
alist = [4, 2, 8, 6, 5]  
alist = alist + 999  
print(alist)
```

- A. [4, 2, 8, 6, 5, 999]
- B. Error, you cannot concatenate a list with an integer.