

**Module Test Summary**

Your Marks: 90%

**Evaluation Guide**☒ Attempted Answer Correct☒ Attempted Answer Wrong**N.A** Question not attempted.

1. What is the correct expression for calculating the cube root of 27?

(1 Mark)

- ☒ a.  $27^{1/3}$
- b.  $27^{**1/3}$
- c.  $27/(1/3)$

2. What will be result of following expression?

(2 Marks)

`'INTERNSHALA'.lower().isupper()`

- a. Result will be, 'True'.
- ☒ b. Result will be, 'False'.

3. What is the value of following arithmetic expression:

(3 marks)

`5*2**10`

- a. 100
- b. 10000000000
- ☒ c. 5120

4. Is this statement true or false?

(1 Mark)

The variable name, `_books` is a valid name.

- ☒ a. True
- b. False

5. Which of the following statements is true about the functions, `index()` and `find()`?

(2 Marks)

- ☒ a. Both give the position of the first occurrence of the substring.
- b. While `index()` returns the first occurrence of the substring, `find()` returns the last occurrence.
- c. Both functions return the number of times a substring appears.

6. Given the following assignments, what is the value of the variable, b?

(3 marks)

```
>>> a=4
>>> b=a
>>> a="Internshala"
>>> b
```

- ☒ a. 4
- b. Internshala
- c. a
- d. You will get an error

7. Is this statement true or false?

(1 Mark)

The variable name, 3score is a valid name.

- a. True
- ☒ b. False

8. What is result of the following expression:

(2 Marks)

```
>>> max('ten', 'twenty', 'thirty')
```

- a. ten
- ☒ b. twenty
- c. thirty

9. Which of the following conversions can be done using the int() function?

(3 marks)

- ☒ a. Integer to Float
- b. Hexadecimal to integer
- c. Integer to binary

Correct Answer : b

10. What is the index of the item ' learn salsa' in the list:

(1 Mark)

```
bucketlist=[" Get a tattoo", "Try a new hair colour", "share a meal with a stranger", "learn salsa", "learn pottery"]
```

- a. 5
- b. 4
- ☒ c. 3
- d. 2

11. Which of the following is an invalid expression?

(2 Marks)

- a. `[1,2]+[4]`
- b. `[1,2]*4`
- c. `(1,2)*4`
- ☒ d. `[1,2]^4`

12. What is the purpose of the function, `pop()`?

(3 marks)

- a. Remove the first element from the list.
- ☒ b. Remove the last element from the list.
- c. Highlight the first and last elements in the list.
- d. Remove all elements from the list.

13. Which of the following statements best describes a dictionary item in Python?

(1 Mark)

- a. A dictionary is a sequence of key-value pairs
- b. A dictionary is an indexed collection of key-value pairs.
- ☒ c. A dictionary is an unordered collection of key-value pairs

14. What is the scientific notation for the float number, 0.0000001234?

(2 Marks)

- a. `1234e-10`
- ☒ b. `1.234e-07`
- c. `0.1234E-6`

15. Consider the dictionary, `years={1995:'Java', 1972:'C', 1994:'Python'}`. Will both the following expressions return the same result? (3 marks)

```
>>>min(years)
>>>min(years.keys())
```

- ☒ a. Yes, both expressions will return the same result.
- b. No, the result from both expressions will be different.

PREV

NEXT

