

Assignment 10

The due date for submitting this assignment has passed.

Due on 2019-10-09, 23:59 IST.

Assignment submitted on 2019-10-09, 22:03 IST

1) What is the relationship between RANBIR and ALIA according to the game FLAMES?

1 point

- ☐ Love
- ☒ Marriage
- ☐ Friends
- ☐ Enemy

Yes, the answer is correct.
Score: 1

Accepted Answers:
Marriage

2) What is the output of the following program?

1 point

```
import numpy as np
a = np.array([1,2,3,5,8])
b = np.array([0,3,4,2,1])
c=a+b
c = c*a
print (c[2])
```

- ☐ 20
- ☒ 21
- ☐ 26
- ☐ 27

Yes, the answer is correct.
Score: 1

Accepted Answers:
21

3) What is the output of the statement a.size if a is a numpy array defined as a = np.array([[1,2,3],[0,1,4]])?

1 point

- ☐ 4
- ☐ 5
- ☒ 6
- ☐ 7

Yes, the answer is correct.
Score: 1

Accepted Answers:
6

4) What is the output of the following Python program?

1 point

```
import numpy as np
a = np.array([[0, 1, 0], [1, 0, 1]])
a += 3
b=a+3
print (a[1,2] + b[1,2])
```

- ☐ 10
- ☒ 11
- ☐ 12
- ☐ 13

Yes, the answer is correct.
Score: 1

Accepted Answers:
11

5) If the string s="Python" then what is the output of the statement s[::-1]?

1 point

- ☐ "Python"
- ☐ "onthPy"
- ☐ "Pythno"
- ☒ "nohtyP"

Yes, the answer is correct.
Score: 1

Accepted Answers:
"nohtyP"

6) State True or False.

1 point

numpy.asanyarray(input) converts input to an ndarray. Here, input can be scalars, lists, lists of tuples, tuples, tuples of tuples, tuples of lists.

- ☒ True
- ☐ False

Yes, the answer is correct.
Score: 1

Accepted Answers:
True

7) Which of the following attributes is used to obtain picture size using PIL in Python?

1 point

- ☐ shape
- ☒ size
- ☐ area
- ☐ volume

Yes, the answer is correct.
Score: 1

Accepted Answers:
size

8) What is the output of the statement print(s.upper()) if s='SimRan' ?

1 point

- ☒ SIMRAN
- ☐ SIMran
- ☐ SiMrAn
- ☐ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
SIMRAN