Q1) What will be output for the following code?

import numpy as np

a = np.array([1,2,3])

print a

A : [[1, 2, 3]]

B : [1]

C : [1, 2, 3]

D : Error

Answer: C

Q2) What will be printed?

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])

A : 7

B : 12

C : 10

D : 21

Ans: D

Q3) What will be output for the following code?

import numpy as np

ary = np.array([1,2,3,5,8])

ary = ary + 1

print (ary[1])

A : 0

B : 1

C : 2

D : 3

Ans: D

Q4) What will be output for the following code?

import numpy as np

a = np.array([[1,2,3],[0,1,4]])

print (a.size)

A : 1

B : 5

C : 6

D : 4

Answer: C

Q5) What will be output for the following code?

import numpy as np

a = np.array([1,2,3,5,8])

print (a.ndim)

A : 0

B : 1

C : 2

D : 3

Answer: B

Q6) What will be output for the following code?

import numpy as np

a = np.array([[1,2,3],[0,1,4]])

b = np.zeros((2,3), dtype=np.int16)

c = np.ones((2,3), dtype=np.int16)

d = a + b + c

print (d[1,2] )

A : 5

B : 7

C : 3

D : 4

Answer: A

Q7) ​​How to import numpy module?

A : from numpy import \*

B : import numpy

C : import numpy as my\_numpy

D : import numpy as np

E : all of above

Ans: E

Q8) Q.31. What is zero() function in numpy use to?

A : make a matrix with first column 0

B : make a matrix with all elements 0

C : make a matrix with diagonal elements 0

D : All of the above

Ans: B