1. NumPy stands for?

   A. Numbering
   Python B. Number
   In Python **C. Numeri-**
   cal Python D. None
   Of
   the above

2. NumPy is often used along with packages like?

   A. Node.js
   B. Matplotlib
   C. SciPy
   D. Both B
   and C

3. The most important object defined in NumPy is an N-dimensional array type called?

   A.
   ndarray B.
   narray C.
   nd_array D.
   darray

4. 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

5. What will be output for the following code?

import numpy as np
a = np.array([1, 2, 3], dtype = complex)
print(a)

A. [[1.+0.j, 2.+0.j, 3.+0.j]]
B. [1.+0.j]
C. Error
**D. [1.+0.j 2.+0.j 3.
+0.j]**

6. If a dimension is given as _____ in a reshaping operation, the other dimensions are automatically calculated.

A. Zero
B. One
**C.   Negative
one**
D. Infinite

7. What will be output for the following code?

```
import numpy as np
dt = dt = np.dtype('i4')
print(dt)
```

A. int32
**B.
int64**
C.
int128
8. D. int16
**1.array.re-
shape(shape)**
2.reshape(shape,array)

3.reshape(ar-
ray,shape)
4.reshape(shape)

9. How we can change the shape of the Numpy array in python?
1.By Shape()

**2.By re-
shape()**
3.By ord()

4.By change()

10. How we can convert the Numpy array to the list in python?
1.list(array)

2.list.array

3.array.list

4.None of the above

11. How we can find the type of numpy array in python ?
1.dtype

2.type

3.typei

4.itype

12. How do we install Numpy in the system?
1.install numpy

2.pip install python numpy

**3.pip install
numpy**
4.pip install numpy python

13. It is possible to convert the Numpy array to list in python?
1.Yes

2.No

3.Sometimes

4.None of the above

14. Numpy in the Python provides the

1.Function

2.Lambda function

3.Type casting

4.Array

15. Numpy.array(list), what does it do?
1.It convert array to list

**2.It convert list to
array**

3.It convert array to array

4.Error

16. Shape() function in Numpy array is used to
1.Find the shape of the array

2.Change the shape of the array

3.Both of the above

4.None of the above

17. What is the use of the size attribute in Numpy array in python?
1.It find the direction

**2.It find the number of
items**

3.It find the shape

4.All of the above

18. what is the use of the zeros() function in Numpy array in python ?
1.To make a Matrix with all element 0

2.To make a Matrix with all diagonal element 0

3.To make a Matrix with first row 0

4.None of the above

19. Which of the following argument we need to pass in reshape() function?
1.Array

2.Shape

3.only array

**4.Both array and
shape**

20. Which of the following counts the number of elements in Numpy array?
1.count()

2.return()

3.shape()

**4.size(
)**

21. Which of the followings finds the maximum number in the Numpy array?
1.max(array)

**2.ar‑
ray.max()**
3.array(max)

4.None of the above

22. Which of the following is correct way to import the Numpy module in your program?
1.import numpy

**2.import numpy as
np**
3.from numpy import *

4.All of the above

23. Which of the following is not valid to import the numpy module?
1.import numpy as np

2.import numpy as n

3.import numpy as p

4.None of the above

24. Which of the following is used to convert the list data type to the Numpy array?
1.array(list)

2.array.list

**3.Numpy.ar‐
ray(list)**
4.None of the above

25. Which of the following keyword is used to access the numpy module in python?
1.access

**2.im‐
port**
3.fetch

4.from