**NumPy Test**

**Submitted By:**

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1.A) Numerical Python

2.B) np.array([1, 2, 3, 4, 5])

3.A) [[1, 2, 3], [4, 5, 6]]

4.B) arr.ndim

5.B) print(myArr[0])

6.B) print(arr[1, 2])

7.B) print(arr[2:5])

8.A) print(arr[3:])

9.B) print(arr[::2])

10.A) arr.dtype

11.C)arr = np.array([1, 2, 3, 4], dtype=np.float)

12.B) The view SHOULD BE Affected by the changes made to the original array.

13.C) The copy SHOULD NOT be affected by the changes made to the original array.

14.D) None of the Above

15.A) arr.shape

16.A) Concatenate()

17.A) array\_split()

18.A) where()

19.A) np.where(arr==4)

19.B) order()

20.A) np.random.randint(100)

21.B) random.normal(size=1000, loc=50, scale=0.2)

22.B) np.add(arr1, arr2)

23.D) np.subtract(arr1, arr2)

24.D) np.around()

25.B) [1 3 6]

26.D) All the above

27.B) array([2, 3, 4, 5, 6, 7])

28.C) 3

29.C) It returns the byte size of each element of the array

30.A) 6

31.B) array([1, 2, 3, 4, 5])

32.B) a = np.array([(1, 2, 3), (4, 5, 6)]); a.reshape(2, 4)

33.D) float64

34.D) None of the Above

35.A) array([1, 2, 3, 4, 5, 6])

36.B) arr = np.array([[1, 2, 3], [4, 5, 6]]); np.hstack((arr, arr))

37.C) full()

38.B) a1 = np.array([1, 2, 3, 3]); a2 = np.array([0, 4, 9]); np.add(a1, a2)

39.C) A.T

40.B) 108

41.A) number of items

42.A) 8

43.D) reshape()

44.C) To create a matrix with all elements as 0

45.A) [[[1]], [[2]], [[3]], [[4]]]

46.D) All of the mentioned above

47.A) array([[0, 2], [1, 3]])

48.A) [[[10]]

[[20]]

[[30]]

[[40]]]

49.A. ndarray

50.C. Negative one