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Quiz on Numpy

Q1. A) Numerical Python

Q2. B) np.array([1,2,3,4,5])

Q3. A) [[1,2,3],[4,5,6]]

Q4. B) arr.ndim

Q5. B) print(myArr[0])

Q6. B) print(arr[1, 2])

Q7. B) print(arr[2:5])

Q8. A) print(arr[3:])

Q9. B) print(arr[::2])

Q10. A) arr.dtype

Q11. C) arr = np.array([1, 2, 3, 4], dtype=np.float)

Q12. B) The view SHOULD BE Affected by the changes made to the original array.

Q13. C) The copy SHOULD NOT be affected by the changes made to the original array.

Q14. C) The shape is the number of elements in each dimensions.

Q15. A) arr.shape

Q16. A) Concatenate()

Q17. A) array_split()

Q18. A) where()

Q19. A) np.where(arr==4)

Q20. C) sort()

Q21. A) np.random.randint(100)

Q22. B) random.normal(size=1000, loc=50, scale=0.2)

Q23. B) np.add(arr1, arr2)

Q24. D) np.subtract(arr1, arr2)

Q25. A) All the other 3 are rounding methods in NumPy

Q26. B) [1 3 6]

Q27. D) All the above

Q28. B) array([2, 3, 4, 5, 6, 7])

Q29. C) 3

Q30. C) It returns the byte size of each element of the array

Q31. A) 6

Q32. B) array([1, 2, 3, 4, 5])

Q33. B) a = np.array([(1, 2, 3), (4, 5, 6)]); a.reshape(2, 4)

Q34. D) float64

Q35. D) None of the Above

Q36. A) array([1, 2, 3, 4, 5, 6])

Q37. B)arr = np.array([[1, 2, 3], [4, 5, 6]]); np.hstack((arr, arr))

Q38. C) full()

Q39. B) a1 = np.array([1, 2, 3, 3]); a2 = np.array([0, 4, 9]); np.add(a1, a2)

Q40. C) A.T

Q41. B) 108

Q42. A) number of items

Q43. A) 8

Q44. D) reshape()

Q45. C) To create a matrix with all elements as 0

Q46. A) [[[1]], [[2]], [[3]], [[4]]]

Q47. D) All of the mentioned above

Q48. A) array([[0, 2], [1, 3]])

Q49. A) [[[10]] [[20]] [[30]] [[40]]]

Q50. A) ndarray

Q51. C) Negative one