

# ASSIGNMENT 13 NUMPY

IN THIS ASSIGNMENT YOU WILL FIND QUESTIONS ON NUMPY

\* Required

1. Email address \*

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2. CERTIFICATION BATCH NO \*

Mark only one oval.

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5
- ☐ OTHER

3. 1. Which of the following is contained in NumPy library? \*

Mark only one oval.

- ☐ n-dimensional array object
- ☐ tools for integrating C/C++ and Fortran code
- ☐ fourier transform
- ☐ all of the Mentioned

4. 2. Point out the wrong statement \*

Mark only one oval.

- ☐ ipython is an enhanced interactive Python shell
- ☐ matplotlib will enable you to plot graphics
- ☐ rPy provides a lot of scientific routines that work on top of NumPy
- ☐ all of the Mentioned

5. 3. The \_\_\_\_\_ function returns its argument with a modified shape, whereas the \_\_\_\_\_ method modifies the array itself \*

Mark only one oval.

- ☐ reshape,resize
- ☐ resize,reshape
- ☐ reshape2,resize
- ☐ all of the Mentioned

6. 4. To create sequences of numbers, NumPy provides a function \_\_\_\_\_ analogous to range that returns arrays instead of lists. \*

Mark only one oval.

- ☐ arange  
☐ aspace  
☐ aline  
☐ all of the Mentioned

7. 5.Which of the following function stacks 1D arrays as columns into a 2D array? \*

Mark only one oval.

- ☐ row\_stack  
☐ column\_stack  
☐ com\_stack  
☐ all of the Mentioned

8. 6.Which of the following sets the size of the buffer used in ufuncs ? \*

Mark only one oval.

- ☐ bufsize(size)  
☐ setsize(size)  
☐ setbufsize(size)  
☐ all of the Mentioned

9. 7.Which of the following attribute should be used while checking for type combination input and output ? \*

Mark only one oval.

- ☐ .types  
☐ .type  
☐ .class  
☐ all of the Mentioned

10. 8. Which of the following returns an array of ones with the same shape and type as a given array ? \*

Mark only one oval.

- ☐ all\_like  
☐ ones\_like  
☐ one\_alike  
☐ all of the Mentioned

11. 9. Which of the following set the floating-point error callback function or log object ? \*

Mark only one oval.

- ☐ setter
- ☐ settercall
- ☐ setterstack
- ☐ all of the Mentioned

12. 10. \_\_\_\_\_ decompose the elements of x into mantissa and twos exponent? \*

Mark only one oval.

- ☐ trunc
- ☐ fmod
- ☐ frexp
- ☐ ldexp

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