1. Which of the following is the primary data structure in Numpy?

    (a) List

    (b) Array

    (c) Dictionary

    (d) Set

    Answer: (b)

2. NumPy arrays can contain elements of multiple data types.

    (a) True

    (b) False

    Answer: (b)

3. What will the following code do? (Here, A is a 2x2 Numpy ndarray.)
   ```
   return (A + 1)
   ```

    (a) Returns sum of A's element plus one

    (b) Shows error

    (c) Returns a 2x2 ndarray with all elements equal to elements of A plus one

    (d) Returns a 2x2 ndarray with elements same as A except first element which is incremented by one

    Answer: (c)

4. Which Numpy function is used to reshape an array?

    (a) `resize()`

    (b) `reshape()`

    (c) `resize_array()`

    (d) `reshape_array()`

    Answer: (b)

5. Which module of Matplotlib provides the core plotting functionality?

    (a) `matplotlib.core`

(b) `matplotlib.plot`

(c) `matplotlib.graph`

(d) `matplotlib.pyplot`

Answer: (d)

6. Which `matplotlb.pyplot` function is used to save a plot to a file?

(a) `savefig()`

(b) `saveplot()`

(c) `save()`

(d) `export()`

Answer: (a)

7. Numpy's `np.loadtxt()` function can be used to load data from a text file into a Numpy array.

(a) True

(b) False

Answer: (a)

8. Which `matplotlib.pyplot` function is used to create histograms?

(a) `hist()`

(b) `create_hist()`

(c) `barplot()`

(d) `histogram()`

Answer: (a)