1. **What is NumPy?**
   NumPy is a Python library used for numerical computing, especially for working with arrays and mathematical operations.

2. **Why is NumPy faster than Python lists?**
   NumPy uses optimized C code and stores data in contiguous memory, making operations faster than Python lists.

3. **What is an ndarray?**
   An ndarray is a multi-dimensional array object in NumPy that stores elements of the same data type.

4. **Difference between array and list**
   A NumPy array stores same-type elements and supports fast mathematical operations, while a Python list can store different data types and is slower.

5. **What is broadcasting?**
   Broadcasting is a NumPy feature that allows operations between arrays of different shapes by automatically expanding smaller arrays.