Q1. What is the purpose of the try statement?

The try statement is used to catch and handle exceptions. Python executes code the try statement as a normal part of the program.

Q2. What are the two most popular try statement variations?

The two most popular try statement variations are Syntax error and exceptions

Q3. What is the purpose of the raise statement?

The raise allows us to throw an exception at any time, we can also raise exceptions with raise and assert statements.

Q4. What does the assert statement do, and what other statement is it like?

An assert statement checks whether a condition is true.

If a condition evaluates to True a program will keep running and if a condition is false then the program will return an AssertionError and at this point the program will stop executing.

Q5. What is the purpose of the with/as argument, and what other statement is it like?

The with statement in Python is used for resource management and exception handling.it most likely find it when working with file streams.