Q1. What is the purpose of the try statement?

The try block is used to check some code for errors i.e the code inside the try block will execute when there is no error in the program.

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

1. try,except
2. try,except,finally

Q3. What is the purpose of the raise statement?

raise statement is used to trigger an exception explicitly, if a certain condition is not as per requirement of programmer. raise statement helps in triggering exception as per programming logic.

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

There are few assertions that programmer always want to be true to avoid code failure. This type of requirement is fulfilled by assert statement. This statement takes a boolean condition output of which is True, Further Program Executes. if output of assert statement is False, it raises an Assertion Error.

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. You'd most likely find it when working with file streams. When we use a with statement for file reading, there is no need for programmer to explicitly takecare of activities like resource deallocation and file closing by using file.close() method