Q1. What is the purpose of the try statement?

Ans: **The purpose of try block to check if a piece of code generates any run time error and if it generates then pass it on to the except block for error handling. This try statement basically prevents the whole program from crashing.**

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

Ans: **The two try statement variations come from the Else and Finally block. These are optional and can be used together or individually.**

1. Try/except/else
2. Try/except/finally

Q3. What is the purpose of the raise statement?

Ans: **raise statement allows you to raise an error upon not meeting a certain condition.**

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

Ans: **Assert statement is used to check the condition and raise an assertion error if it turns out to be False. It is partially similar to the raise statement where we have to mention a if-else clause to check the condition before raising an error.**

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

Ans: **with statement predominantly used for file handling where it closes the file automatically after the operation is done. If we don’ t use the with statement then we have to use the close() method to close the file.**