Q1. Describe three applications for exception processing.

The try and except blocks have several ways in which we can process the exceptions:

1. except: This is used in case an error occurs and the set of instructions to be executed in case of exception
2. else: This is used in case we anticipate an exception, and it does not occur. The instructions in this block execute in that case
3. finally: This block contains code that will get executed regardless of an exception occurring.

Q2. What happens if you don't do something extra to treat an exception?

The code stops execution as soon as exception occurs and displays the error encountered in the console

Q3. What are your options for recovering from an exception in your script?

Using a try and except block around the code to anticipate and handle an exception.

Q4. Describe two methods for triggering exceptions in your script.

Intentionally providing conflicting input to a code or

using the raise block of the try except block when a certain condition occours

Q5. Identify two methods for specifying actions to be executed at termination time, regardless of whether an exception exists.

If we can anticipate the exception, we can use the except block to instruct the program to execute a set of code at termination

Else we can use the finally block to execute some code regardless of the occurrence of the exception