Q1. Describe three applications for exception processing.

Ans:

ZeroDivisionError: Occurs when a number is divided by zero.

IOError: It occurs when Input Output operation fails.

EOFError: It occurs when the end of the file is reached, and yet operations are being performed.

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

Ans: The program terminates abruptly and the code past the line that caused the exception will not get executed

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

Ans: If you have some suspicious code that may raise an exception, you can defend your program by placing the suspicious code in a try: block. After the try: block, include an except: statement, followed by a block of code which handles the problem as elegantly as possible.

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

Ans:

Ans: raise exception

raise exception (args)

Q5. Identify two methods for specifying actions to be executed at termination time, regardless of whether or not an exception exists.

Ans:

Through Finally block: Finally block always executes irrespective of an exception being thrown or not. The final keyword allows you to create a block of code that follows a try-catch block.