**Question bank -Module 4 and 5**

1. Define Inheritance. Write a python program to create a class that inherits the functionality from another class.
2. Write a note on the following by demonstrating with code snippet. (i) Opening Excel documents with openpyxl. (ii) Getting Sheets from the Workbook. (iii)Getting Cells, Rows and Columns from the Sheets
3. Illustrate the usage of super() function that enables calling parent class constructor from child class.
4. What is Web Scraping? Write a python code to Download Files from the Web with requests Module.
5. What methods do Selenium’s web element object have for simulating mouse clicks and keyboard keys. Explain with python code snippet.
6. Illustrate with an example how to catch the exception which is raised when the downloading of a file fails.
7. Explain Finding Elements on the Page using selenium module.
8. Explain click() method on selenium module that is used to follow a link.
9. Explain the different selectors that can be passed to select() method.
10. List the Complete process for downloading and saving a file.
11. Write a Python script to extract paragraph elements from html using BeautifulSoup.
12. Write a Python script to extract <h1> elements from html using BeautifulSoup.
13. Write a Python script to get rows & columns from an excel sheet and to extract text content from the pdf file
14. Write a Python script 1) to read data from csv file using Reader object. 2) Write data to csv using Writer object.
15. Write a Python script to create and save excel documents.
16. Explain how to start the browser using Selenium module.
17. Explain selenium module methods used to fill out and submit forms.
18. Explain the following. 1) Reading JSON with loads() function 2) Writing JSON with dumps () function.
19. List the different JSON syntax rules.
20. Write a python script to demonstrate encryption of PDF document.
21. Write Python script to copy pages from one PDF document to another PDF document to combine multiple PDF files.