1. In what modes should the PdfFileReader() and PdfFileWriter() File objects will be opened?

Sol: The PdfFileReader() and PdfFileWriter() File objects will be opened in binary mode that is ‘rb’ and ‘wb’.

2. From a PdfFileReader object, how do you get a Page object for page 5?

Sol: To get a page object for page 5 from a pdffilereader object, you can use the ‘getPage()’ method, which takes the index of the page as its argument.

3. What PdfFileReader variable stores the number of pages in the PDF document?

Sol: The number of pages in a pdf document can be obtained from the ‘numPages’ attribute of a ‘pdfFileReader’ object.

4. If a PdfFileReader object’s PDF is encrypted with the password swordfish, what must you do before you can obtain Page objects from it?

Sol: if a ‘pdfFileReader’ object pdf is encrypted with a password, such as ‘swordfish’, we must first decrypt the pdf before you can obtain ‘page’ objects from it.

5. What methods do you use to rotate a page?

Sol: we can use ‘rotateClockwise()’ and ‘rotateCounterClockwise()’ methods for rotating a page.

6. What is the difference between a Run object and a Paragraph object?

Sol: ‘paragraph’ object represents a single paragraph of text where as Run object on the other hand represent a contiguous run of text with the same character style .

7. How do you obtain a list of Paragraph objects for a Document object that’s stored in a variable named doc?

Sol: To obtain a list of Paragraph objects for a Document object that’s stored in a variable named doc we can use the paragraphs attribute of the document object.

8. What type of object has bold, underline, italic, strike, and outline variables?

Sol: The ‘Run’ object has bold, underline, italic, strike, and outline variables.

9. What is the difference between False, True, and None for the bold variable?

Sol: if the ‘bold’ is ‘false’ the text in the ‘Run’ object will not be bold.

if the ‘bold’ is ‘True’ the text in the ‘Run’ object will be bold.

if the ‘bold’ is ‘None’ the text in the ‘Run’ object will inherit the bold setting.

10. How do you create a Document object for a new Word document?

Sol: import docx

doc = docx.Document()

11. How do you add a paragraph with the text 'Hello, there!' to a Document object stored in a variable named doc?

Sol: doc.add\_paragraph('Hello, there!')

12. What integers represent the levels of headings available in Word documents?

Sol: integers from 0 to 8 represent the levels of headings available in Word documents.