PYTHON ASSIGNMENT - 12

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

PdfFileReader() should be opened in 'rb' mode (read binary), and PdfFileWriter() should be opened in 'wb' mode (write binary).

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

To get a Page object for page 5 from a PdfFileReader object, we can use the getPage() method with the index parameter set to 4 (since page indexing starts from 0).

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

The numPages attribute of the PdfFileReader variable stores the number of pages in the PDF document.

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?

If a PdfFileReader object's PDF is encrypted with the password 'swordfish', we must call the decrypt() method with the password parameter set to 'swordfish' before we can obtain Page objects from it.

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

To rotate a page, you can use the rotateClockwise() or rotateCounterClockwise() methods of the Page object.

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

A Run object represents a contiguous run of text with the same style within a Paragraph. A Paragraph object represents a single paragraph of text.

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

named doc?

To obtain a list of Paragraph objects for a Document object stored in a variable named doc, you can use the paragraphs attribute of the Document object, which returns a list of Paragraph objects.

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

A Run object has the bold, underline, italic, strike, and outline variables.

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

False: Indicates that the text is not bold.

True: Indicates that the text is bold.

None: Indicates that the bold formatting is inherited from the style hierarchy.

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

To create a Document object for a new Word document, you can use the docx.Document() constructor.

11. How do you add a paragraph with the text “Hello, there!” to a Document object stored in a

variable named doc?

To add a paragraph with the text 'Hello, there!' to a Document object stored in a variable named doc, you can use the add\_paragraph() method of the Document object.

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

The integers 0 to 8 represent the levels of headings available in Word documents. 0 is used for the main title, and higher numbers indicate subheadings with decreasing importance.