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

**Ans: The PdfFileReader() File object should be opened in 'rb' mode (read binary mode) and PdfFileWriter() File object should be opened in 'wb' mode (write binary mode).**

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

**Ans: To get a Page object for page 5 from a PdfFileReader object, you can use the getPage() method and pass the index 4 as an argument (since pages are zero-indexed):**

**makefile**

**page\_obj = pdf\_reader.getPage(4)**

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

**Ans: The numPages variable of a PdfFileReader object stores the number of pages in the PDF document.**

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

**Ans: Before obtaining Page objects from a PdfFileReader object that's encrypted with the password 'swordfish', you must decrypt the PDF by calling the decrypt() method and passing the password as an argument:**

**arduino**

**pdf\_reader.decrypt('swordfish')**

1. **What methods do you use to rotate a page?**

**Ans: To rotate a page, you can use the rotateClockwise() and rotateCounterClockwise() methods of a Page object:**

**bash**

**page\_obj.rotateClockwise() # rotates the page 90 degrees clockwise**

**page\_obj.rotateCounterClockwise() # rotates the page 90 degrees counterclockwise**

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

**Ans: In a Word document, a Paragraph object represents a single paragraph of text, while a Run object represents a contiguous run of text with the same character style.**

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

**Ans: To obtain a list of Paragraph objects for a Document object stored in a variable named doc, you can use the paragraphs attribute:**

**makefile**

**paragraphs = doc.paragraphs**

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

**Ans: A Font object has bold, underline, italic, strike, and outline variables.**

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

**Ans: The bold variable of a Font object can be set to True to make the text bold, False to make it not bold, or None to inherit the bold setting from the style hierarchy.**

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

**Ans: To create a Document object for a new Word document, you can use the Document() constructor:**

**java**

**from docx import Document**

**doc = Document()**

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

**Ans: 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:**

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

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

**Ans: Headings in Word documents can be formatted as levels 1 through 9, with 1 being the highest level and 9 being the lowest level.**