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

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

**3. What 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?**

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

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

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

**named doc?**

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

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

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

**11. How do you add a paragraph with the text &#39;Hello, there!&#39; to a Document object stored in a**

**variable named doc?**

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

**SOLUTIONS**

1. The PdfFileReader() and PdfFileWriter() File objects should be opened in binary mode (with the 'rb' or 'wb' argument).
2. To get a Page object for page 5 from a PdfFileReader object, you can use the **getPage()** method: **page = reader.getPage(4)**, where the index starts from 0.
3. The number of pages in the PDF document is stored in the **numPages** attribute of the PdfFileReader object.
4. To obtain Page objects from an encrypted PdfFileReader object, you must first use the **decrypt()** method to decrypt the PDF document with the password: **reader.decrypt('swordfish')**.
5. To rotate a page, you can use the **rotateClockwise()** or **rotateCounterClockwise()** methods of the Page object.
6. A Run object represents a contiguous run of text with the same character formatting in a Word document. A Paragraph object represents a block of text in a Word document that can contain one or more Runs.
7. To obtain a list of Paragraph objects for a Document object stored in a variable named **doc**, you can use the **paragraphs** attribute: **paras = doc.paragraphs**.
8. A Run object has bold, underline, italic, strike, and outline variables to store formatting information.
9. For the bold variable, False represents that the text is not bold, True represents that the text is bold, and None represents that the value is not set.
10. To create a Document object for a new Word document, you can use the **Document()** constructor from the **python-docx** library.
11. 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: **doc.add\_paragraph('Hello, there!')**.
12. The integers that represent the levels of headings available in Word documents are 1-9, where 1 is the highest level heading and 9 is the lowest.