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

Ans. PdfFileReader() needs to be opened in read-binary mode by passing 'rb' as the second argument to open(). Likewise, the File object passed to PyPDF2. PdfFileWriter() needs to be opened in write-binary mode with 'wb'.

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

Ans. pdfFileReaderObject.getPage(5)

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

Ans. The total number of pages in the document is stored in 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?

Ans. We can do this too with this library. The process is almost the same. We will open the encrypted file with the correct password 'swordfish' and create a copy of it by iterating through every page of it and adding it to our new PDF file.

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

Ans. rotateClockwise(degree)

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

Ans. Word documents contain formatted text wrapped within three object levels. The Lowest level- run objects, middle level- paragraph objects. A Run object has a read-only font property providing access to a Font object. A run’s Font object provides properties for getting and setting the character formatting for that run. Paragraph provide this for a particular paragraph.

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

Ans. doc.paragraphs

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

Ans. Object of Font class of TkFont.

Object of run.font

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

Ans. bold properties are tri-state, meaning they can take the values True, False, and None. True means the property is “on”, False means it is “off”. Conceptually, the None value means “inherit”.

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

Ans. By using the following code:

from docx import Document

document = Document()

document.save('test.docx')

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

Ans. doc.add\_paragraph('first item in unordered list', style='List Bullet')

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

Ans. level