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

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

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

To extract text from **a page**, **you** need to **get a Page object**, which represents a single **page** of a PDF, **from a PdfFileReader object**. **You** can **get a Page object** by calling the getPage() method on a **PdfFileReader object** and passing it the **page** number

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

To get a**PdfFileReader** object that represents this PDF, call PyPDF2.PdfFileReader() and pass it pdfFileObj.**Store** this**PdfFileReader** object in pdfReader. The total number of pages in the document is stored in the numPages attribute of a**PdfFileReader** object .

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?

All PdfFileReader objects have an isEncrypted attribute that is True if the PDF is encrypted and False if it isn’t

❶. Any attempt to call a function that reads the file before it has been decrypted with the correct password will result in an error

❷.To read an encrypted PDF, call the decrypt() function and pass the password as a string

❸. After you call decrypt() with the correct password, you’ll see that calling getPage() no longer causes an error. If given the wrong password, the decrypt() function will return 0 and getPage() will continue to fail. Note that the decrypt() method decrypts only the PdfFileReader object, not the actual PDF file. After your program terminates, the file on your hard drive remains encrypted. Your program will have to call decrypt() again the next time it is run.

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

The pages of a PDF can also be rotated in 90-degree increments with the rotateClockwise() and rotateCounterClockwise() methods. Pass one of the integers 90, 180, or 270 to these methods.

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

The**Run objects** identified in a Paragraph object. The text in a Word document is more than just a string. It has font, size, color, and other styling information associated with it. A style in Word is a collection of these attributes. A**Run object is** a contiguous run of text with the same

 A **Paragraph object** is a particular kind of Text **object**. If you select exactly a **paragraph** (e.g. by double-clicking somewhere in a text), then app.selection [0] returns [**object Paragraph].** Same for Word, Character, etc. But when you select some random text, app.selection [0] returns **[object** Text].

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

The add\_paragraph()**document method** adds a new**paragraph**of text**to** the**document** and returns a reference to the**Paragraph object** that was added. When you’re done adding text, pass a filename string to the save()**document method to** save the**Document object to** a file.

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

Run object has bold, underline, italic, strike, and outline variables

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

True (the attribute is always enabled, no matter what other styles are applied to the run), False (the attribute is always disabled), or None (defaults to whatever the run’s style is set to).

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

To create your own .docx file, call docx.Document() to return a new, blank Word Document object. The add\_paragraph() document method adds a new paragraph of text to the document and returns a reference to the Paragraph object that was added. When you’re done adding text, pass a filename string to the save() document method to save the Document object to a file.

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

Import docx

doc=docx.Document

doc.add\_paragraph(‘Hellow,there!’)

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

Integers 1 to 4 are for various heading levels, with 1 being the main heading and 4 the lowest subheading.