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

Ans: read binary(rb) and write binary(wb).

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

Ans: import PyPDF2

pdfObj = open("sample.pdf",'rb')

pdfReader = PyPDF2.PdfFileReader(pdfObj)

page5Obj = pdfReader.getPage(5) #getting page5

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

Ans: pdfReader.getNumPages().

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: First need to decrypt the password using following statement.

reader = PdfReader("encrypted-pdf.pdf")

writer = PdfWriter()

if reader.is\_encrypted: #check whether pdf is encrypted or not

reader.decrypt("swordfish ")#remove encryption with password “swordfish”

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

Ans: rotateClockwise(), rotateCounterClockwise().

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

Ans:

Paragraph Object : A document contains multiple paragraphs. A paragraph begins on a new line and contains multiple runs. The Document object contains a list of Paragraph objects for the paragraphs in the document. (A new paragraph begins whenever the user presses ENTER or RETURN while typing in a Word document.)

Run Objects : Runs are contiguous groups of characters within a paragraph with the same style

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

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

Ans:

True always makes the Run object bolded.

False makes it always not bolded, no matter what the style’s bold setting is.

None will make the Run object just use the style’s bold setting

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

Ans: Using docx.Document().

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

Ans:

import docx

doc = docx.Document()

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

doc.save('doc1.docx')

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

Ans: digits 0-9.