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

Ans : PdffileReader() file objects should be opened in ‘rb’ – read binary mode & PdfFileWriter() file objects should be opened in ‘wb’ write-binary mode.

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

Ans :

import PyPDF2

a = PyPDF2.PdfReader("C:\Aniket\AdvancedGuideToPython3Programm.pdf.pdf", "rb")

page\_object = a.getPage(5)

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

Ans : .numPages

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 must decrypt the file first to obtain page objects from it.

For example :

file = PdfFileReader(“filename.pdf” , “rb”)

if file.isEncrypted:

file.decrypt(“swordfish”)

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

import PyPDF2

og\_pdf = open(r"C:\Users\khade\sampleogfile.pdf","rb")

pdf\_reader=PyPDF2.PdfFileReader(og\_pdf)

pdf\_writer=PyPDF2.PdfFileWriter()

totalpages = pdf\_reader.numPages

print(totalpages)

for i in range(totalpages):

page = pdf\_reader.getPage(i)

page.rotateClockwise(270)

pdf\_writer.addPage(page)

new\_pdf= open("rotatedsamplefile.pdf","wb")

pdf\_writer.write(new\_pdf)

new\_pdf.close()

og\_pdf.close()

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

**Ans** : Run object is a string which has same attributes & properties like boldness, text height etc. Whereas Paragraph object is a complete paragraph or list of run objects. Paragraph object can have different properties.

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

Ans :

doc = docx.Document("C:\\Users\\khade\\sample2fordocxpractice.docx")

doc.paragraphs

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

**Ans** : Run Object

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

**Ans** : **True** and **False** correspond to on and off respectively. **None** indicates the property is not specified directly on the run.

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

**Ans :**

doc = Document()

doc.save("4thsample docxfile.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('Hello, there!')

doc.save("4thsample docxfile.docx")

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

**Ans** : integers 0 to 9.