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'.

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

ANS You can get a Page object by calling the getPage() method ❷ on a PdfFileReader object and passing it the page number of the page you're interested in—in our case, 0. PyPDF2 uses a zero-based index for getting pages: The first page is page 0, the second is Introduction, and so on.

1. 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 ➊.

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 **import PyPDF2**  
   >>> **pdfFileObj = open('meetingminutes.pdf', 'rb')**  
   >>> **pdfReader = PyPDF2.PdfFileReader(pdfFileObj)**  
➊ >>> **pdfReader.numPages**  
   19  
➋ >>> **pageObj = pdfReader.getPage(0)**  
➌ >>> **pageObj.extractText()**

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

ANS You just need to right-click the pages and tap "Rotate Clockwise" or "Rotate Counterclockwise" to rotate PDF pages. Tips: If you want to rotate all pages, you can click "Ctrl+A" or "Command+A" to select all pages. Then click the rotate icon to rotate pages.

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

ANS A run is the object most closely associated with inline content; text, pictures, and other items that are flowed between the block-item boundaries within a paragraph.

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

named doc?

ANS To add a paragraph in a word document we make use the inbuilt method add\_paragraph() to add a paragraph in the word document. By using this method we can even add paragraphs which have characters like '\n', '\t' and '\r'. Apart from that, we can also add various styles to it

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

ANS ou can number headings so that top-level headings (Heading 1) are numbered 1, 2, 3, for example, and second-level headings (Heading 2) are numbered 1.1, 1.2, 1.3. Open your document that uses built-in heading styles, and select the first Heading 1.

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

ANS True and False are specific bool values. Use default False when you have a bool field and you want the default to be False. Don't use False as a value for a non- bool field. None is used as a generic placeholder when the value will be set later.

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

1. ANS Open Microsoft Word.
2. Click on the File tab.
3. Click on New.
4. Select the type of document that you want to create. For example, you can create a blank document, a template, or a document from a previous version.
5. Click on Create.

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

variable named doc?

ANS You can directly use add\_paragraph() method to add paragraph but if you want to set a new font style of the text you have to use add\_run() as all the block-level formatting is done by using add\_paragraph() method while all the character-level formatting is done by using add\_run()

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

ANS You can number headings so that top-level headings (Heading 1) are numbered 1, 2, 3, for example, and second-level headings (Heading 2) are numbered 1.1, 1.2, 1.3. Open your document that uses built-in heading styles, and select the first Heading 1.

FINISH\*\*\*\*