1. What does RGBA stand for?

**Red, Green, Blue, Alpha. It is a representation of color, each value ranging between 0 and 255. Alpha defines transparency.**

2. From the Pillow module, how do you get the RGBA value of any images?

**from PIL import ImageColor**

**ImageColor.getColor(‘turqoise’, ‘RGBA’)**

3. What is a box tuple, and how does it work?

**Box tuple is a tuple with four values, representing image coordinates. First two integers is x and y of top left conner, second two integers is x and y of bottom right conner. Also box tuple represent any rectangular region in an image.**

4. Use your image and load in notebook then, How can you find out the width and height of an Image object?

**from PIL import Image**

**myImage = Image.open(‘caesar.jpg’)**

**width, height = myImage.size**

5. What method would you call to get Image object for a 100×100 image, excluding the lower-left quarter of it?

**myImage.crop((0, 50, 50, 50))**

6. After making changes to an Image object, how could you save it as an image file?

**myImage.save(‘modified.jpg’)**

7. What module contains Pillow’s shape-drawing code?

**ImageDraw**

8. Image objects do not have drawing methods. What kind of object does? How do you get this kind of object?

**ImageDraw object has drawing methods like line(), rectangle(), ellipse(), polygon(). To get this object you have to pass image object to ImageDraw.Draw(), and then apply drawing methods to it.**