

Assignment 7

The due date for submitting this assignment has passed.

Due on 2019-09-18, 23:59 IST.

Assignment submitted on 2019-09-17, 17:17 IST

1) In the function gmpplot.GoogleMapPlotter(a, b, c), what are a, b and c?

1 point

- ☒ Latitude, Longitude, Zoom level
- ☐ Zoom Level, Latitude, Longitude
- ☐ x-coordinate of map, y-coordinate of map, zoom level
- ☐ zoom level, x-coordinate of map, y-coordinate of map

Yes, the answer is correct.

Score: 1

Accepted Answers:

Latitude, Longitude, Zoom level

2) What is the output shape of the program?

1 point

```
import turtle
t=turtle.Pen()
for i in range(4):
    t.forward(60)
    t.left(90)
```

- ☐ Triangle
- ☐ Trapezium
- ☒ Square
- ☐ Circle

Yes, the answer is correct.

Score: 1

Accepted Answers:

Square

3) What is the output of following code snippet?

1 point

```
from PIL import Image
im = Image.open("bride.jpg")
im.rotate(45).show()
```

- ☒ Open, rotate, and display the image.
- ☐ Save the rotated image
- ☐ Open, display, rotate and display the rotated image
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

Open, rotate, and display the image.

4) State True or False

Turtle programming is same as that performed in Logo

1 point

- ☒ True
- ☐ False

Yes, the answer is correct.

Score: 1

Accepted Answers:

True

5) What is the output shape of the following program?

1 point

```
import turtle
polygon = turtle.Turtle()
num_sides = 6
side_length = 70
angle = 360.0 / num_sides
for i in range(num_sides):
    polygon.forward(side_length)
    polygon.right(angle)
turtle.done()
```

- ☐ Triangle
- ☐ Trapezium
- ☐ Square
- ☒ Hexagon

Yes, the answer is correct.

Score: 1

Accepted Answers:

Hexagon

6) What is the correct sequence of cells in a 5*5 matrix that should be displayed for spiral traversing animation?

1 point

- ☐ (1,2), (2,2), (3,5), (5,5), (4,5)
- ☒ (1,1), (1,2), (1,3), (1,4), (2,4)
- ☐ (1,5), (2,5), (3,5), (5,5), (4,5)
- ☐ (2,3), (2,4), (2,5), (1,5), (3,5)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(1,1), (1,2), (1,3), (1,4), (2,4)

7) Which of the following scenarios is considered as a win in snakes and ladders?

1 point

- ☐ When one of the players climbs up a ladder, it is considered as a win.
- ☐ When one of the players rolls a six, it is considered as a win.
- ☒ When one of the players reaches last cell, it is considered as a win.
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

When one of the players reaches last cell, it is considered as a win.

8) Which of the following statements is true about PIL?

1 point

- ☐ PIL stands for Python Imaging Library.
- ☐ PIL is used to load images with different formats.
- ☐ PIL is used to manipulate images with different formats.
- ☒ All of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

All of the above