

Objects and Classes

TOTAL POINTS 3

1. Consider the class Points, what are the data attributes:

1 point

```
1 class Point(object):
2
3     def __init__(self,x,y):
4
5         self.x=x
6         self.y=y
7
8     def print_point(self):
9
10        print('x=',self.x,'y=',self.y)
11
```

- ☒ self.x self.y
- ☐ __init__
- ☐ print_point

2. What is the result of running the following lines of code ?

1 point

```
4     self.x=x
5     self.y=y
6
7     def print_point(self):
8
9         print('x=',self.x,' y=',self.y)
10
11 p1=Points("A","B")
12 p1.print_point()
```

- ☐ x= A
- ☐ y= B
- ☒ x= A y= B

3. What is the result of running the following lines of code ?

1 point

```
1 class Points(object):
2     def __init__(self,x,y):
3
4         self.x=x
5         self.y=y
6
7     def print_point(self):
8
9         print('x=',self.x,' y=',self.y)
10
11 p2=Points(1,2)
12
13 p2.x=2
14
15 p2.print_point()
```

- ☒ x=2 y=2
- ☐ x=1 y=2
- ☐ x=1 y=1