

scripting (15 minutes)

1. can you print the output of the given question

```
print("I like to play games")
```

answer. I like to play games

2. addition of a and b and the answer is

```
>>> a = 10
>>> b = 5
>>> c = a + b
>>> c
```

answer. 15

3. write the output that is printed on the command prompt (exactly)

```
>>> place = "Visakhapatnam-44"
>>> type(place)
```

answer. <class 'str'>

4. write the print statement that prints the following answer

mahesh-is-very-talented-boy

answer. `print("mahesh", "is", "very", "talented", "boy", sep='-')`

5. write the print statement that prints the following answer and there are 4 spaces between the each word. Use "sep" in

the print statement

mahesh is very talented boy

answer. `print("mahesh", "is", "very", "talented", "boy", sep=' ')`

6. write the print statement that prints the following answer using only one print statement

When you fill your heart

with righteousness, your life
as a human on earth
is fulfilled

answer.

```
print("When you fill your heart",  
      "with righteousness, your life",  
      "as a human on earth",  
      "is fulfilled", sep = "\n")
```

7. write a python script of converting

1. float to complex
2. int to float
3. complex to int

given
x = 5
y = 10.4
z = 7 + 3j

answer.

```
x = 5  
y = 10.4  
z = 7 + 3j
```

```
convert1 = float(x) #convert from int to float  
convert2 = complex(y) #convert from float to complex
```

```
print(convert1)  
print(convert2)
```

conversion is not possible from complex to int

8. Write the python script of average of three numbers

given
number1 = 14
number2 = 16
number3 = 18

output should be

the average of three numbers are 16.0

answer.

```
number1 = 14
```

```
number2 = 16
```

```
number3 = 18
```

```
average = (number1 + number2 + number3) / 3
```

```
print("the average of three numbers are", average)
```

9. write the python script for area of rectangle

given

```
length = 10
```

```
breadth = 15
```

output should be

the area of the rectangle is 150

answer

```
length = 10
```

```
breadth = 15
```

```
area_rectangle = length * breadth
```

```
print("the area of the rectangle is", area_rectangle)
```