BRAC UNIVERSITY

Quiz 2 **Department of Computer Science and Engineering** Set A

CSE111: Programming Language II Duration: 50 minutes Marks: 20

Name: (Please write in CAPITAL LETTERS)	ID:	Section: 01

1. Implement the design of the **Order** class so that the following output is produced:

	Output
#Write your code here #Do not change the following lines of code. p1=Order("Tom","Dhanmondi",16) print("1----------") p1.addCart("Chicken Burger","Beef Burger","Naga Drums") print("2----------") p1.addCart("Oreo Shake") print("3----------") p1.printDetails() print("4----------") p1.printDetails("Burger") print("5----------") p2=Order("Jon","Mohakhali") print("6----------") p2.addCart("French Fries", "Lamb Burger")	Tom ordered 16 th times from Dhanmondi 1---------- Chicken Burger added to the cart Beef Burger added to the cart Naga Drums added to the cart 2---------- Oreo Shake added to the cart 3---------- Tom 's order details: Chicken Burger Beef Burger Naga Drums Oreo Shake 4---------- Tom 's order details: Chicken Burger Beef Burger 5---------- Jon ordered from Mohakhali 6---------- French Fries added to the cart Sorry, only Chicken Burger and Beef Burger are available

2. Trace the below table and write the outputs in the question paper.

```
1.  class QuizA:
2.    def __init__(self):
3.      self.x = 3
4.      self.y = 6
5.      self.sum = 3
6.    def methodA(self, x):
7.      self.y = self.sum + self.x + x
8.      self.sum = x + self.y
9.      a = QuizA()
10.     a.sum = self.y + self.methodB(a) + self.sum
11.     print(self.x, self.y, a.sum)
12.   def methodB(self, t, z=0):
13.     y = 2
14.     t.x = self.x + self.sum
15.     self.sum = t.x + t.y + y
16.     print(t.x , t.y , t.sum)
17.     if z == 0:
18.       return t.sum
```

Write the output of the following code: q = QuizA() q.methodA(3) q.methodB(q, 100)	Output