

(3)

Paper Code : DSE1 : E2(a)

[Introduction to Python Programming]

Group - A

Answer any *five* questions : $2 \times 5 = 10$

1. (a) What is slicing operator?
- (b) Difference between break, continue and pass.
- (c) What are docstrings?
- (d) How are tuples a useful data structure?
- (e) What does the self argument signify in the class methods?
- (f) Find the output of the following python code.

```
l = ['Good', 'Morning']  
y, x = l  
print(x, y)
```
- (g) Differentiate between public and private variables.

Group - B

Answer any *three* questions : $5 \times 3 = 15$

2. Write a program to find the sum of all values in a list using reduce() function.
3. Distinguish between class variables and object variables using an example.

P.T.O.

4. With the help of an example, explain the concept of list comprehension.
 5. What is package? Write the steps to create your own package.
 6. Illustrate ord () and chr () functions with example.
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