



Chettinad

College of Engineering & Technology

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Department of Computer Science & Engineering

GE 8151 PROBLEM SOLVING AND PYTHON PROGRAMMING

Unit-III

Question Bank

1. How many keyword arguments can be passed to a function in a single function call?

- A. Zero
- B. One
- C. Zero or more**

Answer: (C)

2. What will be the output of the following Python code?

```
def foo():
```

```
    total = 0
```

```
    total = total + 1
```

```
    return total
```

```
print(foo())
```

- A. 0
- B. 1**
- C. Error

Answer: (B)

3. What will be the output of the following Python code?

```
def A(a,b):  
    c=a+b  
    print(c)
```

A(10)

A. 10

B. 20

C. Error

Answer: (C)

4. What will be the output of the following Python code?

```
def A(a, b =0):  
    c=a+b  
    print(c)
```

A(10)

A. 10

B. 20

C. Error

Answer: (A)

5. What will be the output of the following Python statement?

```
>>> "a"+"bc"
```

- A. bc
- B. bca
- C. abc**

Answer: (C)

6. What will be the output of the following Python code?

```
>>> str = "hello"
```

```
>>> print(str[-1:])
```

- A. olleh
- B. o**
- C. h

Answer: (B)

7. What arithmetic operators cannot be used with strings?

- A. +
- B. *
- C. -**

Answer: (C)

8. Any function which calls itself again and again is a _____

- A. Recursion**
- B. Function Composition
- C. Function definition

Answer: (A)

9. Function call which is made inside another function call is a _____

A. Recursion

B. Function Composition

C. Function definition

Answer: (B)

10. What will be the output of the following Python code?

```
def A(a, b):
```

```
    print(a, b)
```

```
A(b=10, a=20)
```

A. 10, 20

B. 20, 10

C. Error

Answer: (B)

11. What will be the output of the following Python code?

```
def A(a, b=0):
```

```
    print(a, b)
```

```
A(10)
```

A. 10, 0

B. 10

C. Error

Answer: (A)

12. What will be the output of the following Python code?

```
for i in range(10):
```

```
if i == 5:
```

```
    break
```

```
else:
```

```
    print(i)
```

A. 0 1 2 3 4 5 6 7 8 9

B. 0 1 2 3 4 5

C. 0 1 2 3 4

Answer: (C)

13. What will be the output of the following Python code?

```
for i in range(10):
```

```
    if i < 5:
```

```
        continue
```

```
    else:
```

```
        print(i)
```

A. 5 6 7 8 9

B. 1 2 3 4 5

C. 1 2 3 4

Answer: (A)

14. What will be the output of the following Python code?

```
def A(a,b):
```

```
    if a < b:
```

```
        print("Hi")
    else:
        print("Hello")
```

A(10,20)

- A. **Hi**
- B. Hello
- C. Error

Answer: (A)

15. What will be the output of the following Python code?

```
for i in range(2.0):
```

```
    print(i)
```

- A. 0.0 1.0
- B. 0 1
- C. **error**

Answer: (C)

16. What will be the output of the following Python code?

```
x = "abcdef"
```

```
i = "a"
```

```
while i in x:
```

```
    print(i)
```

A. i i i i i ...

B. a a a a a ...

C. a b c d e f

Answer: (B)

17. What will be the output of the following Python code?

```
i = 1
```

```
while i < 5:
```

```
    print(i)
```

```
    i=i+1
```

A. 1 1 1 1 1

B. 1 1 1 1

C. 1 1 1 1 1 1 1 1.....

Answer: (B)

18. What will be the output of the following Python code?

```
for i in range(0,10,2):
```

```
    print(i)
```

A. 0 2 4 6 8

B. 2 4 6 8

C. 0 2 4 6 8 10

Answer: (A)

19. What will be the output of the following Python code?

```
for i in range(1,10,2):
```

```
print(i)
```

A. 1 3 5 7 9

B. 1 3 5 7 9 11

C. 1 2 3 4 5 6 7 8 9

Answer: (A)

20. What will be the output of the following Python code?

```
x = 'abcd'
```

```
print(x.upper())
```

A. Error

B. 'ABCD'

C. 'Abcd'

Answer: (B)

21. What will be the output of the following Python code?

```
x = 'abcd'
```

```
print(x.lower())
```

A. 'abcd'

B. 'ABCD'

C. 'Abcd'

Answer: (A)

22. What will be the output of the following Python code?

```
x = 'abcd'
```

```
print(x.title())
```


- A. 'abcd'
- B. 'ABCD'
- C. 'Abcd'**

Answer: (C)

23. What will be the output of the following Python code snippet?

```
x = 'abcd'
```

```
for i in range(len(x)):
```

```
    x = 'a'
```

```
    print(x)
```

- A. a
- B. abcd abcd abcd
- C. a a a a**

Answer: (C)

24. State True or False: Strings are Mutable data types in python

- A. True
- B. False**

Answer: (B)

25. State True or False: Function definition executes only when function call was made.

- A. True**
- B. False
- C. Answer: (A)