

Pre-Term-I 2021-22
Subject: Informatics Practices (Code-065)
Class – XI

Time Allowed: 90 minutes

Maximum Marks: 35

General Instructions:

- *The paper is divided into 3 Sections- A, B and C.*
- *Section A, consists of Question 1 to 25 and student need to attempt 20 questions.*
- *Section B, consists of Question number 26 to 49 and student need to attempt 20 questions.*
- *Section C, consists of Question number 50 to 55 and student need to attempt 5 questions.*
- *All questions carry equal marks.*

Section – A

Section A consists of 25 questions, attempt any 20 questions.

- Q1. Which of the following is not an Operating System----
- a. Android b. Ubuntu c. Windows d. Skype
- Q2. Devices which feed data into the computer are called _____
- a. Output devices b. Storage devices c. Input devices d. None of the above
- Q3. Example of input device is :
- a. Keyboard b. Scanner c. Microphone d. All of the above
- Q4. Guess the output of the following code.
- 71> -71 and -11>-16
- a. True b. False c. Machine Dependent d. Error
- Q5. Which of the following function is used to read data from the keyboard?
- a. function() b. str() c. input() d. print()
- Q6. Which of the following statements will make a statement to execute repeatedly?
- a. if b. if – else c. for d. else
- Q7. ALU stands for _____
- a. Arithmetic Logic Unit
b. Arithmetic Logic Universe
c. Arithmetic Logic gates Unit
d. None of the above
- Q8. 1 TB =?
- a.1024 ZB b.1024 GB c.1024 KB d.1024 MB
- Q9.Find the Secondary Memory from the following-
- a.RAM b. Memory Card c.ROM d. Windows
- Q10. Which is not a keyword in Python?
- a. if b.else c. equal d.for

Section – B

Section B consists of 24 Questions (26 to 49). Attempt any 20 questions.

Q26. What will be the output of the following Python code snippet?

```
x = 2
```

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

```
    x += 1
```

```
print(x)
```

a. 0 1 2 3 4

b. 0 1

c. 3 4

d. 0 1 2 3

Q27. To increase the value of a three times using an argument operator, the correct expression is

a. a+=3

b. a*=3

c. a=a**5

d. None of these

Q29. What does the following python program display?

```
x=-1
```

```
If x>=0:
```

```
    print(x**4)
```

```
else:
```

```
    print(x+1)
```

a. 1000

b. 0

c. 1

d. None of these

Q28. Consider the loop-

```
for x in range(11,-3,-3):
```

```
    print(x+1)
```

Which of the following is the output of the above loop-

a. 12 9 6 3 0

b. 12 9 6 3 0 -3

c. 12 9 6 3

d. None of these

Q29. CPU has two main components _____ and _____

a. ALU and Memory Unit

b. CU and ALU

c. Input and Output Unit

d. None of the above

Q30. The device driver acts as---

a. an interface between the device and the operating system.

b. an interface between the user and the operating system.

c. an interface between the Customised Software and the operating system.

d. None of the above

Q31. FOSS means-

a. Free and Open Software Solution

b. Free and Open System Solution

c. Free and Open Source Software

d. Free and Open Software Selection

Q32. Which of the following function is used to convert the read value through input() into an integer?

a. floating()

b. float()

c. int()

d. integer()

Q33. Identifiers may contain letters and digits, but cannot start with a _____.

a. lowercase alphabet

b. Digit

c. Underscore

d. lowercase alphabet

Q34. Assume the list L= [21,42,83,14,75,98], which of the following is correct syntax for slicing operation?

- a. print(L[0:]) b. print(L[:2]) c. print(L[:-2]) d. All of these

Q35. If L = ["200", "-200"], what will be L * 2?

- a. ['200', '-200']*2
b. ['200', '200', '-200', '-200']
c. ['200'*2, '-200'*2]
d. ['200', '-200', '200', '-200']

Q36. What will be the output of the following?

```
data = [[[1, 2], [3, 4]], [[5, 6], [7, 8]]]
```

```
print(data[1][0][0])
```

- a. 1 b. 2 c. 4 d. 5

Q37. To insert the string "snake" to the 4th position in the list L, which of the following statement is used?

- a. L.insert(4, "snake")
b. L.insert(3, "snake")
c. L.add(4, "snake")
d. L.append(4, "snake")

Q38. Assume a list L = [3, 4, 5, 20, 5, 25, 1, 3], then what will be the items of quantity list after L.pop(1)?

- a. [3, 4, 5, 20, 5, 25, 1, 3]
b. [1, 3, 3, 4, 5, 5, 20, 25]
c. [3, 5, 20, 5, 25, 1, 3]
d. [1, 3, 4, 5, 20, 5, 25]

Q39. What is the output of the following code snippet?

```
letters = ['a', 'b', 'c', 'd', 'e']
```

```
letters[::-2]
```

- a. ['d', 'c', 'b']
b. ['a', 'c', 'e']
c. ['a', 'b', 'd']
d. ['e', 'c', 'a']

Q40. Suppose a list L= [3, 4, 5, 20, 5, 25, 1, 3], then what is the result of L.remove(4)?

- a. 3, 5, 29, 5
b. 3, 5, 20, 5, 25, 1, 3
c. 5, 20, 1, 3
d. 1, 3, 25

Q41. if L=[1,2] then print(L*2),result will be-

- a.[1,2]*2 b. [1,2,1,2] c.[1,1,2,2] d. [2,1,1,2]

Q42. Which of the following will return the last element of a list L with 10 elements?

- a. L(10) b.L[10] c. L[9] c.L(9)

Q43. Consider a list list1 = ['Red','Green','Blue'],the print('Green' not in list1),results –
a.Ture b.False c.true d.false

Q45.Consider a list list1 = [34,12,63,39,92,44],print(sum(list1)),results-
a.6 b.284 c.293 d.None of these

Q46. Consider a list L = [13,24,55, 20,15, 25, 11, 3]
L.sort(reverse = True)
print(L)

The result is-

a. [55, 25, 24, 20, 15, 13, 11, 3] b. [13,24,55, 20,1 5, 25, 11, 3]
c. [3, 11, 13, 15, 20, 24, 25, 55] d.[3, 11, 25, 15, 20, 55,24,13]

Q47. Consider a list L = [131,24,55, 220,15,24, 25, 121,124,56,92,92],the print(L.count(24)),
results –
a.24 b.2 c.124 d.1

Q48. list1 = [10,20,30,70,80]
list2 = [30,40,50]
list1.extend(list2)
print(list1)

The result is-

a. [10, 20, 30, 70, 80, 40, 50] b.[[10, 20, 30, 70, 80],[30, 40, 50]]
c. [10, 20, 30, 70, 80, 30, 40, 50] d. [30, 40, 50,10,20,30,70,8]

Q49. What is the output of the following code snippet?

```
x = 'abcd'
```

```
for i in x:
```

```
    print(i)
```

a. a b c d b. 0 1 2 3 c.i i i i d. x x x x

Section - C

Section C, consists of 6 Question (50 to 55). Attempt any 5 questions.

Q50. Consider a dictionary dict3 = {'Mohan':95,'Ram':89,'Suhel':92,'Sangeeta':85}, the
print(dict3['Ram']), results-

a. 'Ram':89 b.89 c.1 d."89"

Q51. dict1 = {'A':95,'C':89,'D':92,'E':85}

```
dict1['B'] = 78
```

```
print( dict1)
```

The result is-

a. {'A': 95, 'B': 78,'C': 89, 'D': 92, 'E': 85} b. , {'A': 95, 'C': 89, 'D': 92, 'E': 85, 'B': 78}
c. {'B': 78,'A': 95, 'C': 89, 'D': 92, 'E': 85} d. {'A': 95, 'C': 89, 'D': 92, 'E': 85},{ 'B': 78}

Q52. dict1 = {'wew':123,'kwk':'000','sds':209,'trt':345,'hjh':654}

```
print( len(dict1))
```

The result is-

- a.3 b.4 c.5 d.10

```
Q53. dict1 = {'south':10,'point':20,'school':30,'guwahati':40,'assam':50}
print( dict1.items())
```

The correct output is-

- a. dict_items {'south': 10, 'point':20,'school': 30,'guwahati': 40, 'assam': 50}
- b. dict_items['south': 10, 'point':20,'school': 30,'guwahati': 40, 'assam': 50]
- c. dict_items([('south', 10), ('point', 20), ('school', 30), ('guwahati', 40), ('assam', 50)])
- d. dict_items[[('south', 10), ('point', 20), ('school', 30), ('guwahati', 40), ('assam', 50)]]

```
Q54. dict1 = {'Mohan':95, 'Ram':89,'Suhel':92, 'Sangeeta':85,'Rahim':87}
print(dict1.get('Sohan'))
```

The correct output is-

- a.95 b.False c.87 d. None

```
Q55. dict1 = {'A':'A','E':'E','D':'D','C':'C','B':'B'}
del dict1['D']
print(dict1)
```

The correct output is-

- a. ['A': 'A', 'E': 'E', 'C': 'C', 'B': 'B']
- b. {'A': 'A', 'B': 'B', 'C': 'C', 'E': 'E'}
- c. {'D': 'D'}
- d. {'A': 'A', 'E': 'E', 'C': 'C', 'B': 'B'}