

Pre-Term-I 2021-22

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

Q11. How many operands are there in the following arithmetic expression?

$23 * 4 + 56 - 15 / 3$

- a. 4 b. 3 c. 5 d. 8

Q12. Which operator returns the remainder of the operands?

- a. / b. // c. % d. **

Q13. A computer is an _____ device.

- a. Electronic b. Electrical c. Mechanical d. None of the above

Q14. A computer takes _____ , _____ it and gives

- a. process, input, output b. input, output, process
c. input, process, output d. None of the above

Q15. CPU stands for _____

- a. Central Processor Unit b. Central Processing Unit
c. Control Processing Unit d. None of the above

Q16. Guess the output of the following expression.

`float(7*20/5+8%3)`

a. 30.0 b. 28 c. 36 d. 36.33

Q17. What value does the following expression evaluate to?

$18-23+74/4-7*2$

a.5.0 b.-5.0 c.-0.5 d.-.05

Q48.If L1=[1,3,5] and L2=[2,4,6] the print(L1+L2) result will be-

a.[1,2,3,4,5,6] b.[1,3,5,2,4,6] c.[3,7,11] d. none of these

Q19. Each item in a dictionary is a key value pair, separated through colon (:).The keys in the dictionary must be _____

a. unique b. number c. string d. tuple

Q20. Consider a list L = [3, 4, 5, 20, 5, 25, 1, 3], what will be the output of L.reverse()?

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

Q21. CPU is called _____ of computer.

a. Heart b. Brain c. Eyes d. None of the above

Q22. CPU can be placed on one or more microchips called IC. Here IC stands for _____

a. Integrated Circuit b. Internal Circuit c. Interesting Circuit d. None of the above

Q23. The ICs are made up of _____ materials.

a. Conductor b. Insulator c. Resistor d. Semiconductor

Q24. Suppose List1 = [32,45,78,57,-12,29]what is the output of len(List1)?

a. 5 b. 6 c. -12 d. 0

Q25. . What is the output of the following code snippet?

L = [-789,765,400,-1411,-5446,2]

print(min(L))

a. 2 b. -789 c.- 5446 d. 400

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 -3c. 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
- e.

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]
- d. L(9)

Q43. Consider a list list1 = ['Red','Green','Blue'],the print('Green' not in list1),results –

a.True 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 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)]]
e.

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'}