**26. In python we do not specify types; it is directly interpreted by the compiler, so consider the following operation to be performed.**

1.>>>x = 13 ? 2 objectives is to make sure x has a integer value, select all that apply (python 3.xx)

 a) x = 13 // 2

 b) x = int(13 / 2)

 c) x = 13 % 2

 d) All of the mentioned (true)

**27. What error occurs when you execute?**

 apple = mango

 a) SyntaxError

 b) NameError (true)

 c) ValueError

 d) TypeError

**28. Carefully observe the code and give the answer.**

1.def example(a):

2.    a = a + '2'

3.     a = a\*2

4.    return a

5.>>>example("hello")

a) indentation Error

 b) cannot perform mathematical operation on strings (true)

 c) hello2

 d) hello2hello2

**29. What dataype is the object below ?**

 L = [1, 23, ‘hello’, 1].

 a) list (true)

 b) dictionary

 c) array

 d) tuple

**30. In order to store values in terms of key and value we use what core datatype.**

 a) list

 b) tuple

 c) class

 d) dictionary (true)

**31. Which of the following results in a SyntaxError ?**

 a) ‘”Once upon a time…”, she said.’ (true)

b) “He said, ‘Yes!'”

c) ‘3\’

d) ”’That’s okay”’

**32. The following is displayed by a print function call:**

1.tom

2.dick

3.harry

Select all of the function calls that result in this output

 a) print(”’tom

 \ndick

 \nharry”’)

b) print(”’tomdickharry”’)

c) print(‘tom\ndick\nharry’) (true)

d) print(‘tom

 dick

 harry’)

**33. What is the average value of the code that is executed below ?**

1.>>>grade1 = 80

2.>>>grade2 = 90

3.>>>average = (grade1 + grade2) / 2

a) 85 (true)

b) 85.1

c) 95

d) 95.1

**34. Select all options that print**

 hello-how-are-you

a) print(‘hello’, ‘how’, ‘are’, ‘you’)

b) print(‘hello’, ‘how’, ‘are’, ‘you’ + ‘-‘ \* 4)

c) print(‘hello-‘ + ‘how-are-you’)\*

d) print(‘hello’ + ‘-‘ + ‘how’ + ‘-‘ + ‘are’ + ‘-’ + ‘you’) (true)

**35. What is the return value of trunc() ?**

a) int

b) bool

c) float

d) None (it works as floor())

**36. What is the output of print 0.1 + 0.2 == 0.3?**

a) True

b) False (true)

c) Machine dependent

 d) Error

**37. Which of the following is not a complex number?**

a) k = 2 + 3j

b) k = complex(2, 3)

c) k = 2 + 3l

d) k = 2 + 3J

**38. What is the type of inf?**

a) Boolean

b) Integer

c) Float (inf stands for infinitely large no. which

  works with float,so this is true)

d) Complex

**39. What does ~4 evaluate to?**

a) -5 (true)

b) -4

c) -3

d) +3

**40. What does ~~~~~~5 evaluate to?**

a) +5 (true)

b) -11

c) +11

 d) -5

**41. Which of the following is incorrect?**

a) x = 0b101

b) x = 0x4f5

c) x = 19023

d) x = 03964 (true)

**42. What is the result of cmp(3, 1)?**

 a) 1

 b) 0

 c) True

 d) False

**43. Which of the following is incorrect?**

a) float(‘inf’)

b) float(‘nan’)

c) float(’56’+’78’)

d) float(’12+34′) (true)

**44. What is the result of round(0.5) – round(-0.5)?**

a) 1.0

b) 2.0

c) 0.0

d) None of the mentioned (ans. is 0)

**45. What does 3 ^ 4 evaluate to?**

a) 81 b) 12 c) 0.75 d) 7 (true)

**46. The value of the expressions 4/(3\*(2-1)) and 4/3\*(2-1) is the same. State whether true or false.**

a) True (true) b) False

**47. The value of the expression:**

**4 + 3 % 5**

a) 4 b) 7 (true) c) 2 d) 0

**48. Evaluate the expression given below if A= 16 and B = 15.**

**A % B // A**

a) 0.0 b) 0 (true) c) 1.0 d) 1

**49. Which of the following operators has its associativity from right to left?**

a) + b) // (true) c) % d) \*\*

**50. What is the value of x if: x = int(43.55+2/2)**

a) 43 b) 44 c) 22 d) 23

2/2=1,43+1=44