1. f=lambda x: 10 if x else 20

print f(0)

2. print map(int,[‘c’,’d’],[14,15])

3. x=10

y= “positive” if x else “negative”

print y

4. l=[1,2,3,4]

print l\*3

5. l=[[]]

l1 = l\*3

print l1

6. l1[0]=10 take l from 5th question

print l1

7. l1.insert(0,10) take l1 from 6th question

print l1

8. l1=[1,2,3,4]

l2=l1

l1.insert(20,30)

print l2

9. l3 = (1,2,3,4)

l3[0]=10

10. s=”python”

WAP to remove “o” from s

11. l=[1,2,[3,4,5,6],[[100,2003,400],500],600]

a. print len(l)

b. Get 500 from the above list

c. Does it executes l[0:2]=20

d. remove more than one element from list

12. L = [1,2,3,4]

take a copy of list which is not mutually change.

13. print int(12.34) ?

14. print int(“12.34”)?

15. write a function to do (a+b)\*\*3 using a formula

16. a=1j

print a, type(a)?

17. a=[i+10 for I in rage(10,20,2)]

18. a=[i+20 for I in range(10,2,2)]

19. what are the different ways to form a generator?

20. why dict.iteritems() are fast than dict.items()?

21. print bool(“0”)

22. b= 10 if -10 else 0

print b

23. print bool(-10)

24. for j in range(10):

print j

break

print j

what is the output for above code?

25. for j in range(10):

if j<5:

continue

else:

break

print j

what is the output for above code?

26. i=0

while i<10:

print I

How many times above loop iterates?

27. print “12” > “2”

28. l1=[1,2,3,4]

l2=[1,2,3,4]

l3=l1

print l1 is l3

print l1 == l3

print l1 is l2

print l1 == l2

29. write an example for tuple, list, dictionary comprehensions.

30. print “12” > 30

31. l=[‘2’,’13’,’1000’]

l.sort()

print l

32. l1=[1,2,3,4]

l2=l1.append(10)

print l2

33. l1.extend(10) take l1 from the 32nd question

34. if 10<20:

print “10<20 is true”

if 10>20

print “10>20 is true”

else:

print “10>20 is false”

output?

35. if 10<20:

print “10<20 is true”

elif 10>20

print “10>20 is true”

else:

print “10>20 is false”

output?

36. i=0

while i<10:

I = i+1

if i>3:

break

print I

37. what is the difference between return and yield?

38. WAP Take a string from the user and remove “aeiou” letters from that string.

39. print “pYThon ProgrAm”.title()

40. print “pYThon ProgrAm”.capitalize()

41. d={1:10,1:100}

print d.get(1)

print d.get(10)

42. Write about python memory organization with examples

43. What are mutable and immutable objects, give an examples

44. Difference between lists and tuple

45. Difference between list and dictionary

46. What is lambda?

47. d={‘name’:’n1’, ‘id’:2}

print d.popitem()

48. d={‘name’:’n1’, ‘id’:2}

print d.pop()

49. How to add sub dictionary to existing dictionary?

50. d={‘name’:’n1’, ‘id’:2}

d1 = d

d[‘id’] = 3

print d1