Unit 2 – Question Bank

1. What is list? Explain operations on list.
2. What is list? Explain the list methods.
3. Explain the following terms with an example
   i) creating a list ii) Traversing a list
4. Explain the following terms with an example
   i) Nested list ii) list slicing
5. Write output of following python code:
   list1=[51,52,53,54,55,56,57,58,59,60]
   print(list1[:])
   print(list1[1:])
   print(list1 [1:6:2])
   print(list1[:2])
   print(list1 [:-3])
6. Explain the following terms with an example
   i) creating a tuple ii) Traversing a tuple .
7. Explain the following terms with an example
   i)conversion: list to tuple ii) tuple to list
8. Explain Tuple in detail. Explain built in Tuple methods and functions of Tuple.
9. Explain the index( ) method & count( ) method of tuple with the programming example.
10. What will be the output of following program?
    tup=(22,3,45,4,25,2,56,890,1)
    print(tup[1:4])
    print(tup[4:])
    print(tup[::2])
    print(tup[-4])
    print(tup[:5:2])
11. What will be the output of following program?
    tup=(23,33,43,53,63,73,83,93)
    print(tup[1:4])
    print(tup[4:])
    print(tup[::2])
    print(tup[-4])
    print(tup[:5:2])
12. Explain the following terms with an example
    i) creating a Dictionary ii) Traversing a Dictionary .

13. Explain Dictionary in detail. Explain built in dictionary methods and functions of dictionary.
14. Compare Tuple, Dictionary and List with example.