**BCM School, Basant Avenue, Dugri Road**

**Class – XII**

**Subject – Computer Science**

**Assignment No -4**

**Q1. a=(23,34,65,20,5)**
**print(a[0]+a.index(5))**

**a. 28**

**b. 29**

**c. 27**

**d. 26**

Q2. Which of the following is not a function of tuple?

**a. update( )**

**b. min( )**

**c. max( )**

**d. count( )**

Q3. Write the output of the following:

**a=(23,34,65,20,5)
s=0
for i in a:
    if i%2==0:
         s=s+a[i]
print(s)**

**a. 54**

**b. 93**

**c. 94**

**d. Error**

**Q4. Write the output of the following**:

**a=(1, 2, 3, 2, 3, 4, 5)**
**print(min(a) + max(a) + a.count(2))**

**a. 13**

**b. 6**

**c. 8**

**d. Error**

**Q5. Which of the following is/are features of tuple?**

**a. Tuple is immutable**

**b. Tuple is a sequence data type.**

**c. In tuple, elements are enclosed in Parenthesis.**

**d. All of the above**

**Q6. Which of the following is not a tuple?**

**a. P = 1,2,3,4,5**

**b. Q = (‘a’, ‘b’, ‘c’)**

**c. R = (1, 2, 3, 4)**

**d. None of the above**

**Q7. Which of the following statement will create an empty tuple?**

**a. P = ( )**

**b. Q = tuple( )**

**c. Both of the above**

**d. None of the above**

**Q8. What is the length of the given tuple? >>> t1=(1,2,(3,4,5))**

**a. 1**

**b. 2**

**c. 3**

**d. 4**

Q9. Write the output of the following:

**>>>t1 = (1,2,3,4,5)**

**>>>t2=t1**

**>>>t2**

**a. Error**

**b. (1,2,3,4,5)**

**c. 1,2,3,4,5**

**d. [1,2,3,4,5]**

Q10. Write the output of the following:

**>>>t1= ('a', 'b')**

**>>>t2 = (1,2,3)**

**>>>t2+t1**

**a. (‘a’, ‘b’, 1, 2, 3)**

**b. (1, 2, 3, ‘a’, ‘b’)**

**c. (1, ‘a’, 2, ‘b’, 3)**

**d. None of the above**

**Q11. Which of the following statement will return an error. T1 is a tuple.**

**a. T1 + (23)**

**b. T1 + [3]**

**c. Both of the above**

**d. None of the above**

**Q12. Which mathematical operator is used to replicate a tuple?**

**a. Addition**

**b. Multiplication**

**c. Exponent**

**d. Modulus**

**Q13. Write the output of the following:**

**t1 = ('1', '2', '3', '4', '5')**

**print(t1 + tuple("tuple"))**

**a. (‘1’, ‘2’, ‘3’, ‘4’, ‘5’, ‘t’, ‘u’, ‘p’, ‘l’, ‘e’)**

**b. (‘1’, ‘2’, ‘3’, ‘4’, ‘5’, ‘tuple’)**

**c. Error**

**d. None of the above**

**Q14. Which function returns the length of tuple?**

**a. length( )**

**b. len( )**

**c. size( )**

**d. None of the above**

**Q15. Write the output of the following :**

**>>>t1 = (1,2)**

**>>> t2 = (2,1)**

**>>> t1 == t2**

**a. True**

**b. False**

**c. Error**

**d. None of the above**

**Q16. Write the output of the following.**

**>>> t1=((1,2),(3,4),(9,))**
**>>>max(t1)**

**a. 9**

**b. (9,)**

**c. (3,4)**

**d. Error**