**1.**If the word TRADE is coded as XVEHI, then how should the word PUBLIC be coded?

**A.TYFMPG B.SXEOLF C.TYFPMG D.SXLLOP**

Read the paragraph carefully and answer the questions below it.

A,B,C,D and E reside in a five-storey building.  
B and E do not reside on the ground floor.  
D resides one storey above A and one storey below C.  
 E does not reside on the top floor.

**2.** On which floor does D reside?

**A.2 B.4 C.5 D.1**

**3.** How many of them do reside above C?

**A. 3 B. 2 C.4 D. 1**

**4.** A is the sister of B.B is the son of C,and E is the daughter of D,and sister of A.what is D to C?

**A.Brother B.Husband C.Wife**

**D.Data is inadequate E.None of these**

In the following questions select the number(s) from the given options for completing the given series.

**5.** 2,6,14,30,62,?

**A.126 B.128 C.120 D.130**

**6.** 7776,1296,216,36,6,?

**A.6 B.0 C.3 D.1**

**7.** 55,45,36,28,21,?

**A.11 B.16 C.15 D.17**

**8.** In how many ways can the letters of the word 'LEADER' be arranged?

**A.72 B.144 C.360 D.720**

**9.** In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together?

**A.360 B.480 C.720 D.5040**

**10.** How many 3-digit numbers can be formed from the digits 2, 3, 5, 6, 7 and 9, which are divisible by 5 and none of the digits is repeated?

**A.5 B.10 C.15 D.20**

**11.** In how many ways a committee, consisting of 5 men and 6 women can be formed from 8 men and 10 women?

**A.266 B.5040 C.11760 D.86400**

**12.** If the simple interest on a sum of money for 2 years at 5% per annum is Rs. 50, what is the compound interest on the same at the same rate and for the same time?

**A.51.25 B.52 C.54.25 D.60**

**13.** Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A: B?

**A.2:3 B.1:1 C.3:4 D.4:3**

**14.** On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is (in Rs.):

**A.45 B.50 C.55 D.60**

**15.** At the end of a business conference, ten people present shake hands with each other once. How many handshakes will be there all together?

**A.20 B.45 C.55 D.90**

**16.**After five years, the age of a father will be thrice the age of his son, whereas five years ago, he was seven times old as his son was. What is father’s present age?

**A.35 B.40 C.45 D.50**

**17.** Y is in the East of X which is in the North of Z. If P is in the South of Z, then in which direction of Y, is P?

**A.North B.South C.South-East D. South-West**

**18.** Sachin walks 20 km towards North. He turns left and walks 40 km. He again turns left and walks 20 km. Finally he moves 20 km after turning to the left. How far is he from his starting position?

**A.20KM B.30KM C.50KM D.60KM**

**19.** K is 40 m South-West of L. If M is 40 m South-East of L, then M is in which direction of K?

**A.East B.West C.North D.South**

**20.** How many terms are there in the G.P.

3, 6, 12, 24, ... , 384 ?

**A.8 B.9 C.10 D.11**