NUMBERS

1

Max. Marks : 30   **No. of Qs. 30**   **Time : 20 min.**   **Date : ..../......../...............**

1. Fifty - three per cent of a number is 358 less than the square of 26. What is the value of three-fourth of 23 pre cent of that number ?
   - (a) 103
   - (b) 109.5
   - (c) 113
   - (d) 103.5
   - (e) None of these

2. Sum of eight consecutive numbers of Set A is 376. What is the sum of five consecutive numbers of another set if its minimum number is 15 ahead of average of Set A ?
   - (a) 296
   - (b) 320
   - (c) 324
   - (d) 284
   - (e) None of these

3. What is the least number that can be added to the number 1020 to make it a perfect square ?
   - (a) 65
   - (b) 12
   - (c) 59
   - (d) 4
   - (e) None of these

4. What is the least number to be subtracted from 945 to make it perfect square ?
   - (a) 16
   - (b) 30
   - (c) 24
   - (d) 45
   - (e) None of these

5. Deepak has some hens and some goats. If the total number of animal heads is 90 and the total number of animal feet is 248, what is the total number of goats Deepak has ?
   - (a) 32
   - (b) 36
   - (c) 34
   - (d) Cannot be determined
   - (e) None of these

6. The sum of the who digits of a number is 15 and the difference between them is 3. What is the product of the two digits of the two digit number ?
   - (a) 56
   - (b) 63
   - (c) 42
   - (d) Cannot be determined
   - (e) None of these

7. There are some parrots and some tigers in a forest. If the total number of animal heads in the forest are 858 and total number of animal legs are 1746, what is the number of parrots in the forest ?
   - (a) 845
   - (b) 833
   - (c) 800
   - (d) Cannot be determined
   - (e) None of these

   Two - third of three-fourth of one-fifth of a number is 15. What is 30 per cent of that number ?
   - (a) 45
   - (b) 60
   - (c) 75
   - (d) 30
   - (e) None of these

9. On Republic Day sweets to be equally distributed among 450 children. But on that particular day, 150 children remained absent. Thus, each child got 3 sweets extra. How many sweets did each child get ?
   - (a) 6
   - (b) 12
   - (c) 9
   - (d) Cannot be determined
   - (e) None of these

10. If a number is subtracted by two-third of 75 per cent of 600, the value so obtained is 320. What is the number ?
    - (a) 300
    - (b) 620
    - (c) 720
    - (d) 500
    - (e) None of these

11. The sum of five consecutive numbers is 270. What is the sum of the second and the fifth number ?
    - (a) 108
    - (b) 107
    - (c) 110
    - (d) Cannot be determined
    - (e) None of these

12. The sum of twice of a number and thrice of 42 is 238. What will be the sum of thrice of that number and twice of 42 ?
    - (a) 245
    - (b) 250
    - (c) 264
    - (d) 252
    - (e) None of these

13. The difference between a two digit number and the number obtained by interchanging the two digit is of the number is 9. If the sum of the two digits of the number is 15, then what is the original number ?
    - (a) 89
    - (b) 67
    - (c) 87
    - (d) Cannot be determined
    - (e) None of these

14. An AC consume 8 units of electricity in 30 minutes and a bulb consumes 18 units of electricity in 6 hours. How much total unit of electricity will both AC and bulb consume in 8 days if they run 10 hours a day ?
    - (a) 1280 unit
    - (b) 1528 unit
    - (c) 1248 unit
    - (d) 1520 unit
    - (e) 1620 unit

15. A number when subtracted by $\frac{1}{7}$ of itself gives the same value as the sum of all the angles of a triangle. What is the number ?
    - (a) 224
    - (b) 210
    - (c) 140
    - (d) 350
    - (e) 187

RESPONSE GRID					
1. ⓐⓑⓒⓓⓔ	2. ⓐⓑⓒⓓⓔ	3. ⓐⓑⓒⓓⓔ	4. ⓐⓑⓒⓓⓔ	5. ⓐⓑⓒⓓⓔ
6. ⓐⓑⓒⓓⓔ	7. ⓐⓑⓒⓓⓔ	8. ⓐⓑⓒⓓⓔ	9. ⓐⓑⓒⓓⓔ	10. ⓐⓑⓒⓓⓔ
11. ⓐⓑⓒⓓⓔ	12. ⓐⓑⓒⓓⓔ	13. ⓐⓑⓒⓓⓔ	14. ⓐⓑⓒⓓⓔ	15. ⓐⓑⓒⓓⓔ