

APTITUDE QUIZ

1. The value of ${}^{75}P_2$ is

- (a) 2775
- (b) 150
- (c) 5550
- (d) None of these

2. How many 4-letter words with or without meaning, can be formed out of the letters of the word, 'LOGARITHMS' if repetition of letters is not allowed?

- (a) 40
- (b) 400
- (c) 5040
- (d) 2520

3. How many words with or without meaning, can be formed by using all the letters of the word, 'DELHI' using each letter exactly once?

- (a) 10

- (b) 25
- (c) 60
- (d) 120

4. In how many ways can the letters of the word 'APPLE' be arranged?

- (a) 720
- (b) 120
- (c) 60
- (d) 180
- (e) None of these

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

- (a) 72
- (b) 144
- (c) 360
- (d) 720
- (e) None of these

6. In how many different ways can the letters of the word 'RUMOUR' be arranged?

- (a) 180
- (b) 90
- (c) 30
- (d) 720
- (e) None of these

7. How many words can be formed by using all the letters of the word, 'ALLAHABAD'?

- (a) 3780
- (b) 1890
- (c) 7560
- (d) 2520
- (e) None of these

8. How many arrangements can be made out of the letters of the word 'ENGINEERING'?

- (a) 277200
- (b) 92400

- (c) 69300
- (d) 23100
- (e) None of these

9. How many words can be formed from the letters of the word 'SIGNATURE' so that the vowels always come together?

- (a) 720
- (b) 1440
- (c) 2880
- (d) 3600
- (e) 17280

10. In how many different ways can the letters of the word, 'OPTICAL' be arranged so that the vowels always come together?

- (a) 120
- (b) 170
- (c) 4320
- (d) 2160
- (e) None of these

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

- (a) 120
- (b) 360
- (c) 1440
- (d) 13440
- (e) 720

12. 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
- e) None of these

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

- (a) 48
- (b) 120
- (c) 124
- (d) 160
- (e) None of these

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

- (a) 30
- (b) 48
- (c) 144
- (d) 576
- (e) None of these

15. In how many different ways can the letters of the word 'BANKING' be arranged so that the vowels always come together?

- (a) 12
- (b) 240
- (c) 360
- (d) 540
- (e) 720

16. In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together?

- (a) 810
- (b) 1440
- (c) 2880
- (d) 50400
- (e) 5760

17. In how many different ways can the letters of the word 'MATHEMATICS' be arranged so that the vowels always come together?

- (a) 10080

- (b) 4989600
- (c) 120960
- (d) None of these

18. In how many different ways can the letters of the word 'DETAIL' be arranged in such a way that the vowels occupy only the odd positions?

- (a) 32
- (b) 48
- (c) 36
- (d) 60
- (e) 120

19. In how many different ways can the letters of the word 'MACHINE' be arranged so that the vowels occupy only the odd positions?

- (a) 210
- (b) 576
- (c) 144
- (d) 1728

(e) 3456

20. In how many ways can a group of 5 men and 2 women be made out of a total of 7 men and 3 women?

(a) 63

(b) 90

(c) 126

(d) 45

(e) 135

ANSWERS

1. (C)

2. (C)

3. (D)

4. (C)

5. (C)

6. (A)

7. (C)

8. (A)

9. (E)

10. (B)

11. (E)

12. (C)

13. (A)

14. (D)

15. (E)

16. (D)

17. (C)

18. (C)

19. (B)

20. (A)

