Wipro Elite NLTH Sample Aptitude Questions and Answers

1. Evaluate the expression: 2 + 5 * 6 - 7 * 8 / 4 + 6

A. 22
B. 23
C. 21
D. 24

Answer: D

Explanation:

Given Question is 2 + 5 * 6 - 7 * 8 / 4 + 6
when we apply BODMAS RULE to the above question, we get
2 + 5 * 6 - 7 * (8 / 4) + 6
= 2 + (5 * 6) – (7 * 2) + 6
= 2 + 30 – 14 + 6
= 38 – 14
= 24

2. Can you find the approximate value for the following expression:

29.8% of 260 + 60.01% of 510 − 103.57 = ?

A. 450
B. 280
C. 320
D. 210

Answer: B

Explanation:

Given
29.8% of 260 + 60.01% of 510 − 103.57 = ?

Rounding off the given Expression we get,
= (30 / 100) * 260 + (60 / 100) * 510 - (104)
= 78 + 306 - 104
= 384 - 104
= 280

3. In the below given sequence, what should be the Missing number?

77, 64, 51, X , 25, 12

A. 37
B. 40
C. 38
D. 36

Answer: C

Explanation:

The given series is -- 77, 64, 51, X , 25, 12
Consecutive numbers decrease by 13
Following this pattern, the Missing Number X should decrease by 13 from the previous number.
When we subtract 13 to the number before X (i.e 51) we get 51--13=38

4. In how many ways can the letters of the word, 'KEYBOARD' be arranged in such a way that the vowels always come together?

A. 4250
B. 4520
C. 4320
D. 4230

Explanation:

In the word 'KEYBOARD' we treat the vowels EOA as one letter. Thus, we have KYBRD (EOA). Thus we have 6 letters can be arranged in 6! = 720 ways
The vowels (EOA) can be arranged among themselves in 3! = 6 ways
Therefore, Required number of ways= (720*6)= 4320

5. In how many ways can a committee consisting of 4 men and 5 women be formed from a group of 7 men and 9 women?

A. 7C4 9C5
B. 4C7 5C9
C. 7C5 9C4
D. 9C4 7C5

Answer: A

Explanation:

Group consisting of 7 men and 9 women
4 men can be selected from 7 men in 7C4 ways
5 women can be selected from 9 women in 9C5 ways
Therefore, the Total number of ways= 7C4 9C5

6. The ratio of a number of boys and girls in a class is 3: 2. In the 1st semester exam, 20% of boys and 25% of girls get more than or equal to 90% marks. What percentage of students get less than 90% marks?

A. 56
B. 70
C. 80
D. 78

Answer: D

Explanation: Let boys =3x and girls =2x.
Number of those who get less than 90% mark =(80% of 3x) + (75% of 2x)
=(80/100)*3x +(75/100 *2x) =39x/10
Required percentage = (39x/10 *1/5x *100)% = 78%.

7. A starts some business with Rs. 50,000. After 3 months B joins him with Rs. 70,000. At the end of the year. https://www.freshersnow.com/previous-year-question-papers/ In what ratio should they share the profit?

A. 1 : 3
B. 1 : 5
C. 3 : 2
D. None of these

Answer: D

8. P is able to do a piece of work in 15 days and Q can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left?

A. 11/15
B. 8/15
C. 7/15
D. 2/11

Answer: B

Explanation:

Amount of work P can do in 1 day = 1/15
Amount of work Q can do in 1 day = 1/20
Amount of work P and Q can do in 1 day = 1/15 + 1/20 = 7/60
Amount of work P and Q can together do in 4 days = 4 × (7/60) = 7/15
Fraction of work left = 1 – 7/15= 8/15

9. A started business with Rs. 45,000 and B joined afterward with 30,000. If the profit at the end of a year was divided in the ratio 2: 1 respectively, then B would have joined A for business after.

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

Answer: B

10. What is the area of a triangle with base 5 meters and height 10 meters?

A. 20 square meters
B. 25 square meters
C. 35 square meters
D. 40 square meters

Answer: B

Explanation: Area of a triangle = 1/2 * base * height
So, the area = 1/2 * 5 * 10 = 25 square meters

11. If January 1, 1996, was Monday, what day of the week was January 1, 1997?

A. Thursday
B. Friday
C. Wednesday
D. Sunday

Answer: C

Explanation:

The year 1996 is divisible by 4, so it is a leap year with 2 odd days.

As per the question, the first day of the year 1996 was Monday, so the first day of the year 1997 must be two days after Monday. So, it was on Wednesday.

12. In a camp, there is a meal for 120 men or 200 children. If 150 children have taken the meal, how many men will be catered to with the remaining meal?
A. 50
B. 40
C. 30
D. 10

Answer: C

Explanation:

Meal for 200 children = Meal for 120 men
=> Meal for 1 child = Meal for 120/ 200 men
=> Meal for 150 children
= Meal for (120×150)/ 200 men = Meal for 90 men

Total meal available = Meal for 120 men

Remaining meal
= Meal for 120 men - Meal for 90 men
= Meal for 30 men

13. A wheel rotates 10 times every minute and moves 20 cm during each rotation. How many meters does the wheel move in one hour?

A. 6 metre
B. 12 metre
C. 1200 metre

D. 120 metre

Answer: D

Number of times wheel moves in 1 hour = 10 * 60 = 600
Distance moves = (600 *20) cms = 12000 cms Therefore, In metres = 120 metre

14. What is the average of the first five multiples of 12?

A. 36
B. 40
C. 38
D. 42

Answer: A

Average = 12∗(1+2+3+4+5) ∗ (1/5)
= 12 ∗ 15∗ (1/5)
= 12 ∗ 3= 36

15. Eight persons participated in a shooting competition. The top score is 85 points. Had the top score been 92 points instead of 85 points, the average score would have been 84. Find the number of points actually scored in the competition.

A. 645
B. 655
C. 665
D. 636

Answer: 665

Explanation: Let the actual number of points scored be x, Then [x + (92 –85)] /8 = 84, (x + 7) /8 = 84 , x = (84*8)- 7, = 672 - 7 = 665