Apti End Module Test 1 Q&A (07-11-2023)

1. What is the sum of all two digit numbers that gives a remainder of 3 when they are divided by 7?

Answers

1. 666
2. 676
3. 683
4. 777

2. Find the LCM of 2.5, 0.5 and 0.175.

Answers

1. 2.5
2. 5
3. 7.5
4. 17.5

3. The LCM of two numbers is 1890 and their HCF is 30. If one of them is 270, the other will be

Answers

1. 210
2. 220
3. 310
4. 320

4. Find the least number which when divided by 40, 60, and 75, leave remainders 31, 51 and 66 respectively.

Answers

1. 10196
2. 10199
3. 10191
4. 10197

5. The average temperature for Wednesday, Thursday and Friday was 40°C. The average for Thursday, Friday and Saturday was 41° C. If temperature on Saturday was 42° C, what was the temperature on Wednesday?

Answers

1. 39° C
2. 44° C
3. 38° C
4. 41° C

6. The speed of the car going from Pune to Mumbai is 100 km/hr while when coming back from Mumbai to Pune, its speed is 150 km/hr. find the average speed during whole journey.

Answers

1. 125 km/hr
2. 75 km/hr
3. 135 km/hr
4. 120 km/hr

7. The average of 4 positive integers is 59. The highest integer is 83 and the lowest integer is 29. The difference between the remaining two integers is 28. Which of the following integers is higher of the remaining two integers ?

Answers

1. 39
2. 48
3. 76
4. 77

8. Five years ago, the average age of A, B, C and D was 45 yr. with E joining them now, the average of all the five is 49 yr. How old is E?

Answers

1. 25 years
2. 40 years
3. 45 years
4. 64 years

9. By selling a product for Rs. 2,850, a shopkeeper gains 14%. If the profit is reduced to 8%, then the selling price will be:

Answers

1. Rs. 2600
2. Rs. 2700
3. Rs. 2800
4. Rs. 3000

10. What is the simple interest on a sum of Rs. 700 if the rate of interest for the first 3 years is 8% per annum and for the last 2 years is 7.5% per annum?

Answers

1. Rs. 269.5
2. Rs. 283
3. Rs. 273
4. Rs. 280
5. Rs. 275

11. The compound interest on Rs. 30,000 at 7% per annum is Rs. 4347. The period (in years) is:

Answers

1. 2 years
2. 2.5 years
3. 3 years
4. 4 years

12. A train, 300m long, passed a man, walking along the line in the same direction at the rate of 3 kmph in 33 seconds. The speed of the train is:

Answers

1. 30 kmph
2. 32 kmph
3. 32 8/11 kmph
4. 35 8/11 kmph

13. Working 5 hours a day, A can Complete a work in 8 days and working 6 hours a day, B can complete the same work in 10 days. Working 8 hours a day, they can jointly complete the work in:

Answers

1. 3 days
2. 4 days
3. 4.5 days
4. 5.4 days

14. What is the probability of getting a sum 9 from two throws of a dice?

Answers

1. 16
2. 18
3. 19
4. 112

15. What will be the day of the week 15th August, 2010?

Answers

1. Sunday
2. Monday
3. Tuesday
4. Friday

16. At 3:40, the hour hand and the minute hand of a clock form an angle of:
Answers

1. 120°
2. 125°
3. 130°
4. 135°

17. In a business, A and C invested amounts in the ratio 2 : 1 , whereas the ratio between amounts invested by A and B was 3 : 2 . If Rs. 157300 was their profit, how much amount did B receive?
Answers

1. Rs. 48000
2. Rs. 48200
3. Rs. 48400
4. Rs. 48600

18. There are five women and six men in a group. From this group a committee of 4 is to be chosen. How many different ways can a committee be formed that contain three women and one man?
Answers

1. 55
2. 60
3. 25
4. 192

19. A boat can travel with a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, find the time taken by the boat to go 68 km downstream.
Answers

1. 2 hours
2. 3 hours
3. 4 hours
4. 5 hours
5. None of these

20. 39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work?
Answers

1. 10
2. 13
3. 14
4. 15

-- Compiled by Utkarsh Singh --