

The product of two numbers is 192. If the difference between these two numbers is 4, then what is the sum of these two numbers?

Select one:

- ☒ a. 28
- ☐ b. 26
- ☐ c. 32
- ☐ d. 30

Feedback

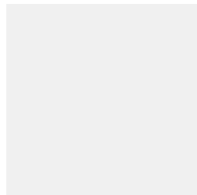
Your answer is correct.

The correct answer is: 28

Question **2**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What is the unit digit of the number $(15)^{124} + (124)^{54}$?

Select one:

- ☐ a. 3
- ☐ b. 1
- ☐ c. 8
- ☒ d. 5

Feedback

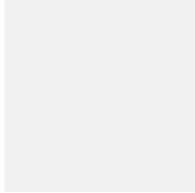
Your answer is incorrect.

The correct answer is: 1

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If the numerator of a fraction is increased by 200% and the denominator is increased by 50%, the fraction obtained is $\frac{6}{7}$. What is the original fraction?

Select one:

- ☐ a. $\frac{9}{13}$
- ☐ b. $\frac{7}{11}$
- ☐ c. $\frac{5}{9}$
- ☒ d. $\frac{3}{7}$

Feedback

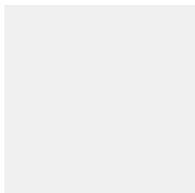
Your answer is correct.

The correct answer is: $\frac{3}{7}$

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The product of two numbers is 5082. If the LCM of the numbers is 462. What is their HCF?

Select one:

- ☐ a. 13
- ☐ b. 15
- ☐ c. 8
- ☒ d. 11

Feedback

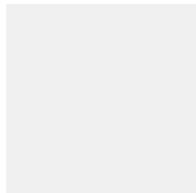
Your answer is correct.

The correct answer is: 11

Question **5**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If the six-digit number $56x4y2$ is divisible by 9, then find the least value of $x + y$.

Select one:

- ☒ a. 2
- ☐ b. 5
- ☐ c. 1
- ☐ d. 10

Feedback

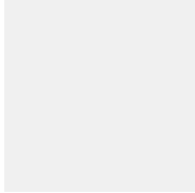
Your answer is incorrect.

The correct answer is: 1

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the least number which when divided by 35 and 11 leaves a remainder of 1 in each case.

Select one:

- ☐ a. 384
- ☐ b. 391
- ☒ c. 386
- ☐ d. 388

Feedback

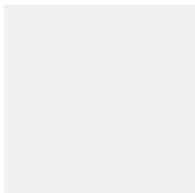
Your answer is correct.

The correct answer is: 386

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Which of the following numbers is divisible by both 4 and 9?

Select one:

- ☐ a. 3954
- ☒ b. 2736
- ☐ c. 2368
- ☐ d. 3814

Feedback

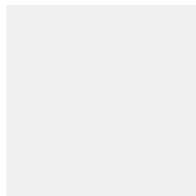
Your answer is correct.

The correct answer is: 2736

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

N is a whole number. $5 \cdot N!$ is not divisible by 10. How many possibilities exist for N?

Select one:

- ☐ a. 2
- ☐ b. 4
- ☐ c. 1
- ☒ d. 3

Feedback

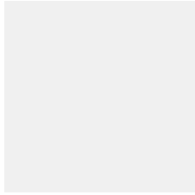
Your answer is incorrect.

The correct answer is: 2

Question **9**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Find the value of $5/7 + 6/9 + 8/11$.

Select one:

- ☐ a. $487/231$
- ☐ b. $224/231$
- ☐ c. $788/456$
- ☒ d. $223/693$

Feedback

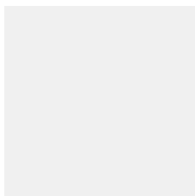
Your answer is incorrect.

The correct answer is: $487/231$

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The least perfect square number, which is divisible by each of the numbers 16, 20 and 24 is:

Select one:

- ☐ a. 3600
- ☒ b. 6400
- ☐ c. 14400
- ☐ d. 1600

Feedback

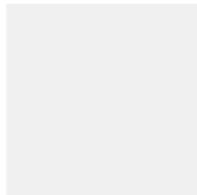
Your answer is incorrect.

The correct answer is: 3600

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the smallest number which when divided by 13 and 16 leaves respective remainders of 2 and 5.

Select one:

- ☐ a. 187
- ☐ b. 219
- ☐ c. 207
- ☒ d. 197

Feedback

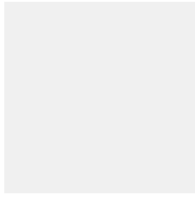
Your answer is correct.

The correct answer is: 197

Question **12**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The denominator of fraction is 2 more than thrice its numerator. If the numerator as well as denominator increased by one, the fraction becomes $\frac{1}{3}$. What was the original fraction?

Select one:

- ☐ a. $\frac{4}{13}$
- ☒ b. $\frac{5}{13}$
- ☐ c. $\frac{5}{11}$
- ☐ d. $\frac{3}{11}$

Feedback

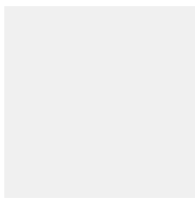
Your answer is incorrect.

The correct answer is: $\frac{3}{11}$

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the least number by which $(5)^9 \times (3)^6 \times (17)$ has to be multiplied to obtain a perfect square.

Select one:

- ☐ a. 221
- ☐ b. 5
- ☒ c. 85
- ☐ d. 17

Feedback

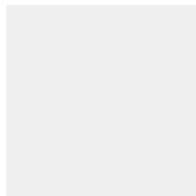
Your answer is correct.

The correct answer is: 85

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

When 2^{153} is divided by 5, the remainder is:

Select one:

- ☐ a. 0
- ☒ b. 3
- ☐ c. 2
- ☐ d. 4

Feedback

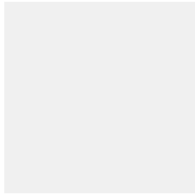
Your answer is incorrect.

The correct answer is: 2

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Find the number of prime factors of $(6)^{10} \times (7)^{17} \times (55)^{27}$.

Select one:

- ☐ a. 54
- ☐ b. 91
- ☒ c. 81
- ☐ d. 64

Feedback

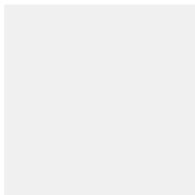
Your answer is incorrect.

The correct answer is: 91

Question **16**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Which of the following smallest number should be added to 41116 to make it exactly divisible by 8?

Select one:

- ☐ a. 8

- ☒ b. 12
- ☐ c. 4
- ☐ d. 5

Feedback

Your answer is incorrect.

The correct answer is: 4

Amar gets 20% of the total marks in an examination and fails by 20 marks. Ajay gets 40% of the total marks and gets 10 marks more than the pass mark. Find the total marks.

Select one:

- ☐ a. 160
- ☐ b. 135
- ☒ c. 150
- ☐ d. 165

Feedback

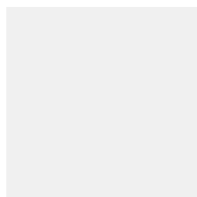
Your answer is correct.

The correct answer is: 150

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A number is decreased by 10% and then increased by 10%. The number so obtained is 10 less than the original number. What is the original number?

Select one:

- ☐ a. 1500
- ☐ b. 1050
- ☒ c. 1000
- ☐ d. 2000

Feedback

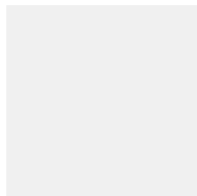
Your answer is correct.

The correct answer is: 1000

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a shopping complex, 12% of the shops are iron shops, 23% are garment shops, 17% are electrical, 10% are toy shops, 5% are sweet stalls and the remaining 66 are all other shops. How many garment shops are there?

Select one:

- ☐ a. 69
- ☒ b. 46
- ☐ c. 44
- ☐ d. 33

Feedback

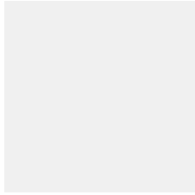
Your answer is correct.

The correct answer is: 46

Question **4**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In a group 40% are matriculates, 50% of the remaining are the PG's and the remaining 18 are graduates. Find the number of matriculates.

Select one:

- ☐ a. 24
- ☒ b. 36
- ☐ c. 48
- ☐ d. 12

Feedback

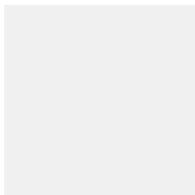
Your answer is incorrect.

The correct answer is: 24

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a class of 35 students and 6 teachers, each student got sweets 20% of the total number of students and each teacher got sweets that are 40% of the total number of students. How many sweets were there?

Select one:

- ☐ a. 84
- ☐ b. 309
- ☐ c. 245
- ☒ d. 329

Feedback

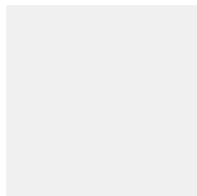
Your answer is correct.

The correct answer is: 329

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Anu saves 32% of his monthly salary. If she spends Rs. 27200, then find his savings (in Rupees).

Select one:

- ☐ a. 15400
- ☐ b. 13200
- ☒ c. 12800
- ☐ d. 14300

Feedback

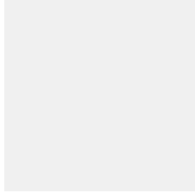
Your answer is correct.

The correct answer is: 12800

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the seventy four percent of five-eighth of 1200?

Select one:

- ☐ a. 455
- ☐ b. 445
- ☒ c. 555
- ☐ d. 565

Feedback

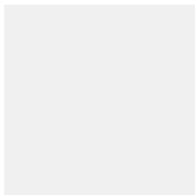
Your answer is correct.

The correct answer is: 555

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Jyoti's monthly expense on shopping is 25%, travelling is 20%, food is 45% and 10% on other recreational activities. What is the total amount she spent on travelling and food together?

Select one:

- ☐ a. 12050
- ☐ b. 15000
- ☐ c. 18000
- ☒ d. Can't be determined

Feedback

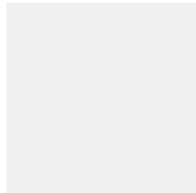
Your answer is correct.

The correct answer is: Can't be determined

Question **9**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

There are 1825 employees in an organisation, out of which 64% got transferred to different places. How many such employees are there who got transferred?

Select one:

- ☐ a. 1168
- ☐ b. 1490
- ☒ c. 1054
- ☐ d. 1263

Feedback

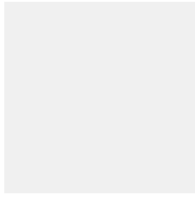
Your answer is incorrect.

The correct answer is: 1168

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average runs scored by a batsman in 20 matches is 40. In the next 10 matches, the batsman scored an average of 13 runs. Find his average in all the 30 matches.

Select one:

- ☐ a. 28
- ☒ b. 31
- ☐ c. 30
- ☐ d. 29

Feedback

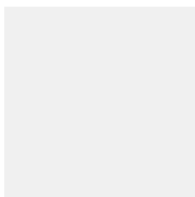
Your answer is correct.

The correct answer is: 31

Question **11**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The average of four consecutive even numbers A, B, C and D respectively is 55. What is the value of A?

Select one:

- ☐ a. 56
- ☐ b. 58
- ☒ c. 54
- ☐ d. 52

Feedback

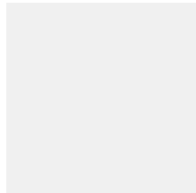
Your answer is incorrect.

The correct answer is: 52

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What will be the average of the following set of scores?
313, 252, 161, 727, 525, 818

Select one:

- ☐ a. 476
- ☒ b. 466
- ☐ c. 456
- ☐ d. 463

Feedback

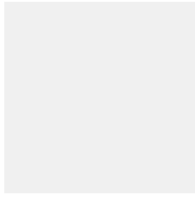
Your answer is correct.

The correct answer is: 466

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The total marks obtained by a student in Physics, Chemistry and Mathematics are 150 more than the marks obtained by him in Physics. What is the average marks obtained by him in Chemistry and Mathematics?

Select one:

- ☐ a. 50
- ☐ b. 150
- ☒ c. 75
- ☐ d. 100

Feedback

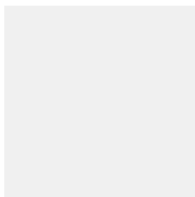
Your answer is correct.

The correct answer is: 75

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Arun purchased 1 dozen mangoes at Rs. 6 per dozen, 2 dozen mangoes at Rs. 10 per dozen and 4 dozen mangoes at Rs. 11 per dozen. Find the average cost per dozen of mangoes purchased by Arun.

Select one:

- ☐ a. Rs. 10
- ☒ b. Rs. 8
- ☐ c. Rs. 9
- ☐ d. Rs. 7

Feedback

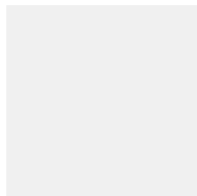
Your answer is incorrect.

The correct answer is: Rs. 10

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The average of six numbers is 32. If each of the first three numbers is increased by 2 and each of the remaining three numbers is decreased by 4, then the new average is:

Select one:

- ☐ a. 30
- ☐ b. 31
- ☒ c. 34
- ☐ d. 35

Feedback

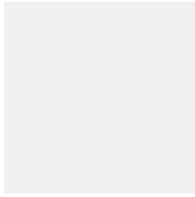
Your answer is incorrect.

The correct answer is: 31

Question **16**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The average of 24 students is 12 years. If the age of the teacher is added, the average will be increased by 1 year. What is the age of the teacher?

Select one:

- ☐ a. 30 years
- ☐ b. 37 years
- ☒ c. 35 years
- ☐ d. 28 years

Feedback

Your answer is incorrect.

The correct answer is: 37 years

Two numbers are in the ratio 9 : 7. If 14 is subtracted from each, the ratio becomes 7 : 5. Find the numbers.

Select one:

- ☐ a. 72, 56
- ☐ b. 90, 70
- ☐ c. 54, 42
- ☒ d. 63, 49

Feedback

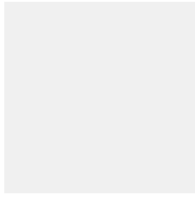
Your answer is correct.

The correct answer is: 63, 49

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Three numbers are in the ratio 3 : 4 : 5. The sum of the largest and the smallest equals to 24. Find the sum of all the numbers.

Select one:

- ☐ a. 44
- ☐ b. 48
- ☐ c. 54
- ☒ d. 36

Feedback

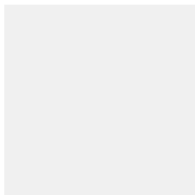
Your answer is correct.

The correct answer is: 36

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The ratio of the earnings of P and Q is 9 : 10. If the earnings of P increases by one-fourth and the earnings of Q decrease by one-fourth, then find the new ratio of their earnings.

Select one:

- ☐ a. 3 : 4
- ☐ b. 2 : 3
- ☐ c. 4 : 3
- ☒ d. 3 : 2

Feedback

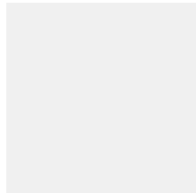
Your answer is correct.

The correct answer is: 3 : 2

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Salaries of A, B and C are in the ratio of 2 : 3 : 5 respectively. If their salaries were increased by 15%, 10% and 20% respectively. What will be the new respective ratio of their salaries?

Select one:

- ☒ a. 23 : 33 : 60
- ☐ b. 20 : 11 : 10
- ☐ c. 10 : 11 : 20
- ☐ d. 3 : 3 : 10

Feedback

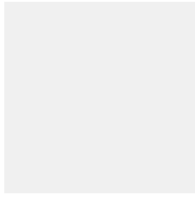
Your answer is correct.

The correct answer is: 23 : 33 : 60

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The ratio of the present ages of Meera and Priya is 3 : 4. Ten years ago the ratio of their ages was 4 : 7. What will be Meera's age after 5 years?

Select one:

- ☐ a. 18 years
- ☐ b. 24 years
- ☒ c. 23 years
- ☐ d. 19 years

Feedback

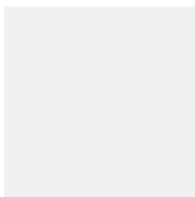
Your answer is correct.

The correct answer is: 23 years

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If $A : B = 4 : 9$ and $A : C = 2 : 3$, then $(A + B) : (A + C)$ is:

Select one:

- ☒ a. 13 : 15

- ☐ b. 10 : 13
- ☐ c. 15 : 13
- ☐ d. 13 : 10

Feedback

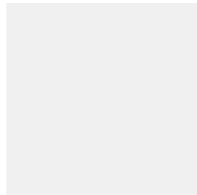
Your answer is incorrect.

The correct answer is: 13 : 10

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains equal number of Rs. 5, Rs. 2 and Re. 1 coins. If the total amount in the bag is Rs. 1152, find the number of coins of each kind.

Select one:

- ☐ a. 432
- ☐ b. 72
- ☒ c. 144
- ☐ d. 288

Feedback

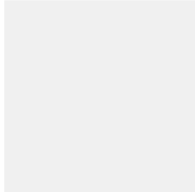
Your answer is correct.

The correct answer is: 144

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The ratio of the present ages of Abhi and Balu is 5 : 6. 15 years ago, the ratio of their ages was 7 : 9. Find the present age of Abhi.

Select one:

- ☐ a. 50 years
- ☐ b. 55 years
- ☒ c. 45 years
- ☐ d. 40 years

Feedback

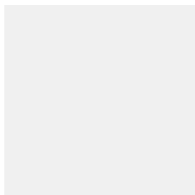
Your answer is incorrect.

The correct answer is: 50 years

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

At a certain party, the ratio of number of boys to that of girls was 5 : 3. If after 10 boys left, the ratio of boys to girls became 1 : 1, find the number of boys and girls who were present in the party at the beginning.

Select one:

- ☒ a. 40

- ☐ b. 48
- ☐ c. 64
- ☐ d. 32

Feedback

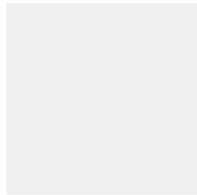
Your answer is correct.

The correct answer is: 40

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The ratio of the boys and girls in a school is 7 : 6. If 100 boys join the school, the ratio would become 5 : 4. Find the number of girls in the school.

Select one:

- ☐ a. 1200
- ☒ b. 1120
- ☐ c. 1080
- ☐ d. 1000

Feedback

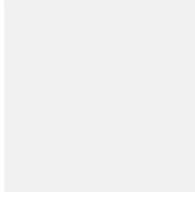
Your answer is incorrect.

The correct answer is: 1200

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Which number when added to each of the numbers 6, 7, 15, 17 will make the resulting numbers proportional?

Select one:

- ☐ a. 5
- ☐ b. 4
- ☒ c. 3
- ☐ d. 6

Feedback

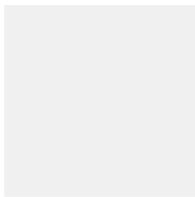
Your answer is correct.

The correct answer is: 3

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The mean proportion of 36 and 81 is:

Select one:

- ☐ a. 45
- ☒ b. 54

- ☐ c. 50
- ☐ d. 40

Feedback

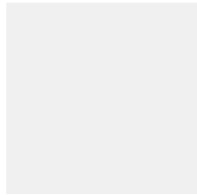
Your answer is correct.

The correct answer is: 54

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the least number to be subtracted from 11, 15, 21 and 30 each so that the resultant numbers become proportional?

Select one:

- ☐ a. 4
- ☐ b. 2
- ☐ c. 1
- ☒ d. 3

Feedback

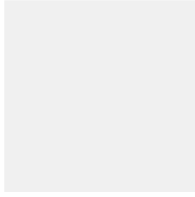
Your answer is correct.

The correct answer is: 3

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

An amount of Rs. 1560 was divided among A, B and C in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$. Find the share of C.

Select one:

- ☐ a. Rs. 280
- ☒ b. Rs. 320
- ☐ c. Rs. 300
- ☐ d. Rs. 360

Feedback

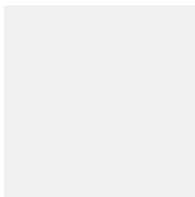
Your answer is incorrect.

The correct answer is: Rs. 360

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ratio of earnings of A and B is 4 : 5 respectively. If the earnings of A increase by 20% and the earnings of B decrease by 20%, the new ratio of their earnings became 6 : 5 respectively. What are A's earnings?

Select one:

- ☐ a. Rs. 27500

- ☐ b. Rs. 26400
- ☐ c. Rs. 22000
- ☒ d. Can't be determined

Feedback

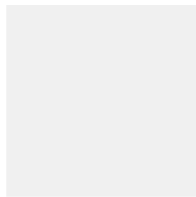
Your answer is correct.

The correct answer is: Can't be determined

Question **16**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Find the fourth proportion of 48, 72 and 24.

Select one:

- ☐ a. 36
- ☒ b. 63
- ☐ c. 24
- ☐ d. 48

Feedback

Your answer is incorrect.

The correct answer is: 36

A cloth merchant on selling 33 meters of cloth earns a profit equal to the selling price of 11 meters of cloth. Find his profit percent.

Select one:

- ☐ a. 35%
- ☒ b. 50%
- ☐ c. 63%
- ☐ d. 45%

Feedback

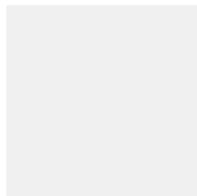
Your answer is correct.

The correct answer is: 50%

Question **2**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The profit obtained by selling an article for Rs. 120 is same as the loss obtained by selling it for Rs. 96. What is its cost price?

Select one:

- ☐ a. Rs. 116
- ☐ b. Rs. 108
- ☒ c. Rs. 96
- ☐ d. Rs. 100

Feedback

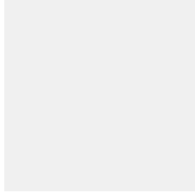
Your answer is incorrect.

The correct answer is: Rs. 108

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Cost of 35 shirts and 28 trousers is Rs. 28000. What will be the cost of 45 shirts and 36 trousers?

Select one:

- ☐ a. Rs. 35000
- ☐ b. Rs. 32500
- ☐ c. Rs. 32000
- ☒ d. Rs. 36000

Feedback

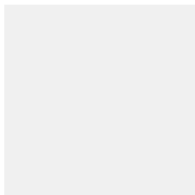
Your answer is correct.

The correct answer is: Rs. 36000

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A DVD player was purchased for Rs. 4860. At what price should it be sold so that 25% profit is earned?

Select one:

- ☒ a. Rs. 6075
- ☐ b. Rs. 6275
- ☐ c. Rs. 6025
- ☐ d. Rs. 6225

Feedback

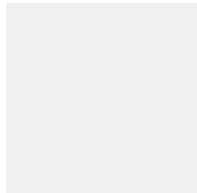
Your answer is correct.

The correct answer is: Rs. 6075

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A trader sells 145 meters of cloth for Rs. 12325 at the profit of Rs. 10 per meter of cloth. What is the cost price of 1 meter of cloth?

Select one:

- ☐ a. Rs. 65
- ☐ b. Rs. 85
- ☒ c. Rs. 75
- ☐ d. Rs. 95

Feedback

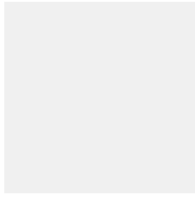
Your answer is correct.

The correct answer is: Rs. 75

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A man sold two chairs at Rs. 1200 each. On one he gained 20% and on other he lost 20%. His gain or loss in the whole transaction is.

Select one:

- ☐ a. 1% gain
- ☐ b. 1% loss
- ☒ c. 2% loss
- ☐ d. 4% loss

Feedback

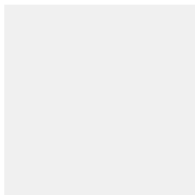
Your answer is incorrect.

The correct answer is: 4% loss

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A discount of 24% on the marked price of an article is allowed and then the article is sold for Rs. 342. Find the marked price of the article.

Select one:

- ☐ a. Rs. 500
- ☐ b. Rs. 490
- ☐ c. Rs. 430
- ☒ d. Rs. 450

Feedback

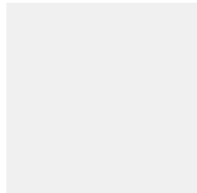
Your answer is correct.

The correct answer is: Rs. 450

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The price of a certain television set is discounted by 10% and the reduced price is then discounted by 10%. This series of successive discounts is equivalent to a single discount of

Select one:

- ☐ a. 19%
- ☐ b. 20%
- ☒ c. 11%
- ☐ d. 18%

Feedback

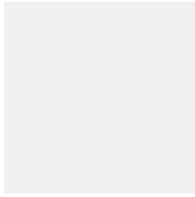
Your answer is incorrect.

The correct answer is: 19%

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If a shopkeeper marks the price of goods 50% more than their cost price and allows a discount of 40%, what is his gain or loss percentage?

Select one:

- ☒ a. 10% loss
- ☐ b. 20% gain
- ☐ c. 10% gain
- ☐ d. 20% loss

Feedback

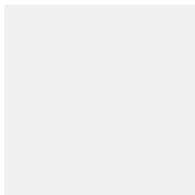
Your answer is correct.

The correct answer is: 10% loss

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In a business A invested Rs. 6000 for 10 months. B invested Rs. 8000 for 9 months and C invested Rs. 9000 for 6 months. Find the difference between the shares of B and C, if A got Rs. 1200 as his share.

Select one:

- ☒ a. Rs. 160
- ☐ b. Rs. 300
- ☐ c. Rs. 360
- ☐ d. Rs. 240

Feedback

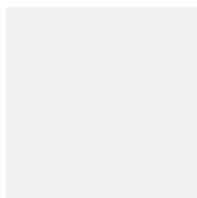
Your answer is incorrect.

The correct answer is: Rs. 360

Question **11**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

P and Q started a business with Rs. 15000 and Rs. 20000. After 3 months P invested Rs. 5000 while Q withdrew Rs. 10000. Find the difference between their shares in the annual profit of Rs. 7500.

Select one:

- ☐ a. Rs. 2000
- ☒ b. Rs. 3000
- ☐ c. Rs. 2500
- ☐ d. Rs. 1500

Feedback

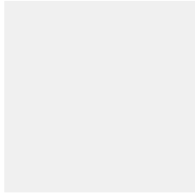
Your answer is incorrect.

The correct answer is: Rs. 1500

Question **12**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A is working and B is sleeping partner in a business. A puts Rs. 8000 and B puts Rs. 7000. A receives 10% of the total profit for running the business, the rest divided in proportion to their investments. Find the total amount received by A out of a total profit of Rs. 5000.

Select one:

- ☐ a. Rs. 2900
- ☐ b. Rs. 2500
- ☒ c. Rs. 2400
- ☐ d. Rs. 2600

Feedback

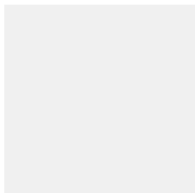
Your answer is incorrect.

The correct answer is: Rs. 2900

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Four milk men P, Q, R and S rented a pasture. P grazed 10 cows for 6 months, Q grazed 8 cows for 3 months, R grazed 12 cows for 9 months and S grazed 20 cows for 4 months. P's share of the rent was Rs. 2040. Find R's share of rent.

Select one:

- ☒ a. Rs. 3672
- ☐ b. Rs. 1874
- ☐ c. Rs. 2248
- ☐ d. Rs. 2684

Feedback

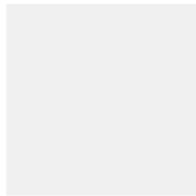
Your answer is correct.

The correct answer is: Rs. 3672

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A starts business with Rs. 3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3. What is B's contribution in the capital?

Select one:

- ☐ a. Rs. 7500
- ☐ b. Rs. 8500
- ☒ c. Rs. 8000
- ☐ d. Rs. 9000

Feedback

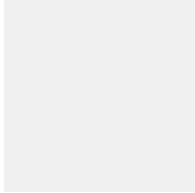
Your answer is incorrect.

The correct answer is: Rs. 9000

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ashok started a business with an investment of Rs. 10000. After a few months, Alok joined him with an investment of Rs. 12000. At the end of one year from the start, they shared the total profit equally. After how long did Alok join?

Select one:

- ☐ a. After 5 months
- ☒ b. After 2 months
- ☐ c. After 3 months
- ☐ d. After 4 months

Feedback

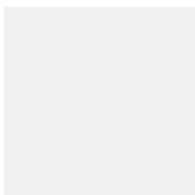
Your answer is correct.

The correct answer is: After 2 months

Question **16**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A started a business with an investment of Rs. 70000 and after 6 months B joined him investing Rs. 120000. If the profit at the end of a year is Rs. 52000, then the share of B is:

Select one:

- ☐ a. Rs. 24000
- ☒ b. Rs. 28000
- ☐ c. Rs. 26000
- ☐ d. Rs. 30000

Feedback

Your answer is incorrect.

The correct answer is: Rs. 24000

The simple interest accrued on an amount of Rs. 12450 at the end of 6 years is Rs. 8964. What is the rate of interest?

Select one:

- ☐ a. 10%
- ☐ b. 8%
- ☒ c. 12%
- ☐ d. 14%

Feedback

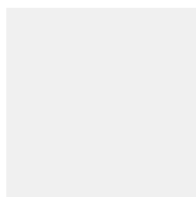
Your answer is correct.

The correct answer is: 12%

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In how many years does a sum of Rs. 5000 yield a simple interest of Rs. 16500 at 15% p. a.?

Select one:

- ☒ a. 22
- ☐ b. 23
- ☐ c. 24
- ☐ d. 25

Feedback

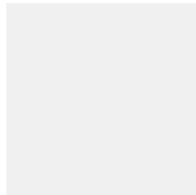
Your answer is correct.

The correct answer is: 22

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A certain sum of money is invested for one year at a certain rate of simple interest. If the rate of interest is 3% higher, then the interest earned will be 25% more than the interest earned earlier. What is the earlier rate of interest?

Select one:

- ☒ a. 12%
- ☐ b. 8%
- ☐ c. 6%
- ☐ d. 4%

Feedback

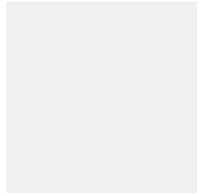
Your answer is correct.

The correct answer is: 12%

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The simple interest on a certain sum at 5% per annum for 3 years and 4 years differ by Rs. 42. Find the sum.

Select one:

- ☐ a. Rs. 280
- ☐ b. Rs. 210
- ☒ c. Rs. 840
- ☐ d. Rs. 750

Feedback

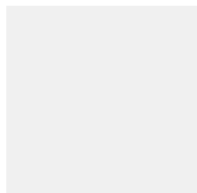
Your answer is correct.

The correct answer is: Rs. 840

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A sum of money lent at simple interest amounts to Rs. 888 in 4 years and to Rs. 1073 in 9 years. Find the sum.

Select one:

- ☐ a. Rs. 1000
- ☒ b. Rs. 740
- ☐ c. Rs. 980
- ☐ d. Rs. 840

Feedback

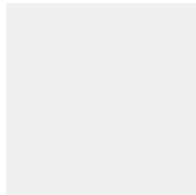
Your answer is correct.

The correct answer is: Rs. 740

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A certain sum becomes four times itself at simple interest in 8 years. In how many years does it become 10 times itself?

Select one:

- ☐ a. 22
- ☒ b. 21
- ☐ c. 23
- ☐ d. 24

Feedback

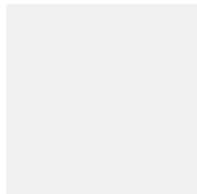
Your answer is incorrect.

The correct answer is: 24

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Harsha invested Rs. 17500 in a fixed deposit scheme which offers simple interest at the rate of 8% p.a. A maximum of how much money can he withdraw at the end of 5 years?

Select one:

- ☒ a. Rs. 20000
- ☐ b. Rs. 25000
- ☐ c. Rs. 24500
- ☐ d. Rs. 22500

Feedback

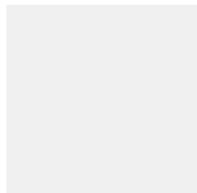
Your answer is incorrect.

The correct answer is: Rs. 24500

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A sum of money becomes four times itself in 9 years under simple interest. In how many years will it become 22 times itself?

Select one:

- ☐ a. 72
- ☐ b. 54
- ☒ c. 63
- ☐ d. 45

Feedback

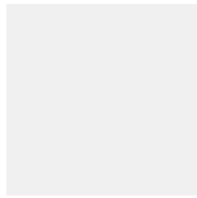
Your answer is correct.

The correct answer is: 63

Question 9

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What will be the difference between the simple and compound interest on Rs. 2000 after three years at the rate of 10% per annum?

Select one:

- ☒ a. Rs. 20
- ☐ b. Rs. 62
- ☐ c. Rs. 160
- ☐ d. Rs. 42

Feedback

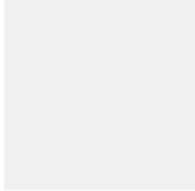
Your answer is incorrect.

The correct answer is: Rs. 62

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The compound interest on a certain sum of money for 2 years at 10% per annum is Rs. 168. Find the corresponding simple interest?

Select one:

- ☐ a. Rs. 250
- ☒ b. Rs. 260
- ☐ c. Rs. 160
- ☐ d. Rs. 190

Feedback

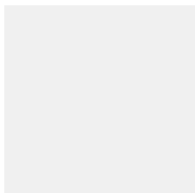
Your answer is incorrect.

The correct answer is: Rs. 160

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The difference in compound interest and simple interest on a certain amount at 10% per annum at the end of the third year is Rs. 620. What is the principal?

Select one:

- ☐ a. Rs. 50000
- ☒ b. Rs. 20000
- ☐ c. Rs. 10000
- ☐ d. Rs. 40000

Feedback

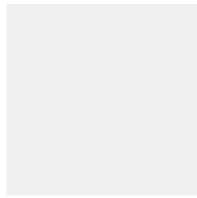
Your answer is correct.

The correct answer is: Rs. 20000

Question **12**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Albert invested an amount of Rs. 8000 in a fixed deposit scheme for 2 years at compound interest rate 5 p.c.p.a. How much amount will Albert get on maturity of the fixed deposit?

Select one:

- ☐ a. Rs. 8620
- ☐ b. Rs. 8840
- ☐ c. Rs. 8820
- ☒ d. Rs. 8600

Feedback

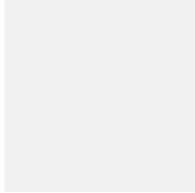
Your answer is incorrect.

The correct answer is: Rs. 8820

Question **13**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If Rs. 20 is the difference of simple interest and compound interest, for two years at 4% per annum, then the principal is

Select one:

- ☐ a. Rs. 13000
- ☐ b. Rs. 12500
- ☒ c. Rs. 13500
- ☐ d. Rs. 12000

Feedback

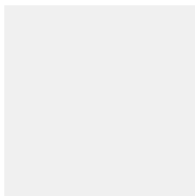
Your answer is incorrect.

The correct answer is: Rs. 12500

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What amount does Charan get if he invests Rs. 2400 at 20% p.a. compound interest for 1 year, compounding done annually?

Select one:

- ☒ a. Rs. 2964
- ☐ b. Rs. 2924
- ☐ c. Rs. 2880
- ☐ d. Rs. 2864

Feedback

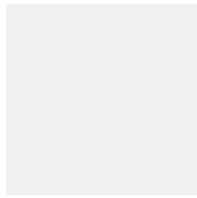
Your answer is incorrect.

The correct answer is: Rs. 2880

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

At what rate of interest is an amount doubled in two years, when compounded annually? (approximately)

Select one:

- ☐ a. 30%
- ☒ b. 73.2%
- ☐ c. 45.2%
- ☐ d. 41.4%

Feedback

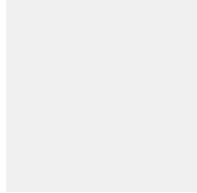
Your answer is incorrect.

The correct answer is: 41.4%

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The difference between the simple interest and compound interest for 2 years at 20% per annum on Rs. 4000 is:

Select one:

- ☒ a. Rs. 160
- ☐ b. Rs. 320
- ☐ c. Rs. 180
- ☐ d. Rs. 240

Feedback

Your answer is correct.

The correct answer is: Rs. 160

A, B and C together can complete a piece of work in 30 minutes. A and B together can complete the same work in 50 minutes. C alone can complete the work in:

Select one:

- ☐ a. 75 mins
- ☐ b. 150 mins
- ☐ c. 60 mins
- ☒ d. 80 mins

Feedback

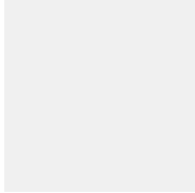
Your answer is incorrect.

The correct answer is: 75 mins

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A and B can do a piece of work in 8 days. B and C can do it in 24 days, while C and A can do it in $8\frac{4}{7}$ days. In how many days can C do it alone?

Select one:

- ☐ a. 10
- ☐ b. 30
- ☒ c. 60
- ☐ d. 40

Feedback

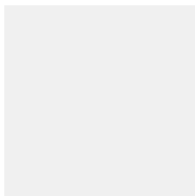
Your answer is correct.

The correct answer is: 60

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A man and a woman working together can do a certain work in 18 days. Their skills in doing the work are in the ratio 3 : 2. How many days will the woman take to finish the work alone?

Select one:

- ☒ a. 36
- ☐ b. 45
- ☐ c. 30
- ☐ d. 27

Feedback

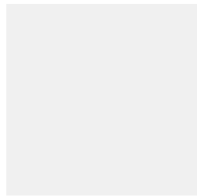
Your answer is incorrect.

The correct answer is: 45

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A takes 10 days less than the time taken by B to finish a piece of work. If both A and B can do it in 12 days, then the time taken by B alone to finish the work is:

Select one:

- ☐ a. 25 days
- ☐ b. 20 days
- ☒ c. 30 days
- ☐ d. 27 days

Feedback

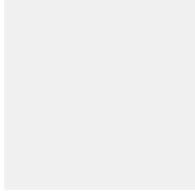
Your answer is correct.

The correct answer is: 30 days

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A and B can do a work in 12 days and 20 days respectively. A started the work and left after 3 days. B immediately took over and worked till the completion. In how many days was the total work completed?

Select one:

- ☐ a. 17 days
- ☒ b. 18 days
- ☐ c. 15 days
- ☐ d. 16 days

Feedback

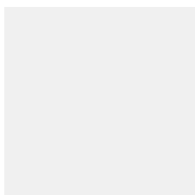
Your answer is correct.

The correct answer is: 18 days

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If 12 men or 20 women can do a piece of work in 54 days, then in how many days can 9 men and 12 women together complete the work?

Select one:

- ☐ a. 32
- ☐ b. 35
- ☒ c. 30
- ☐ d. 40

Feedback

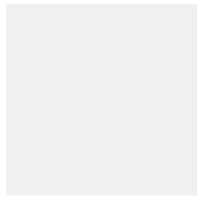
Your answer is incorrect.

The correct answer is: 40

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A and B can do a work in 12 days and 36 days respectively. If they work on alternative days beginning with B, in how many days will the work be completed?

Select one:

- ☒ a. 24
- ☐ b. 18
- ☐ c. $22 \frac{2}{3}$
- ☐ d. 9

Feedback

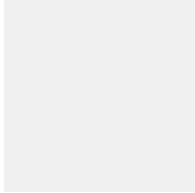
Your answer is incorrect.

The correct answer is: 18

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

4 men, 5 women and 3 children together can complete a piece of work in 16 days. In how many days can 10 women alone complete the piece of work, if 10 men alone complete it in 24 days?

Select one:

- ☐ a. Can't be determined
- ☐ b. 12
- ☒ c. 18
- ☐ d. 15

Feedback

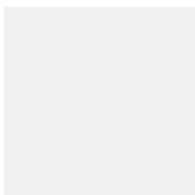
Your answer is incorrect.

The correct answer is: Can't be determined

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

10 men can do a job in 15 days. 15 boys can do it in 16 days. In how many days can 5 men and 8 boys do it?

Select one:

- ☐ a. 28 days
- ☐ b. 30 days
- ☐ c. 25 days
- ☒ d. 15 days

Feedback

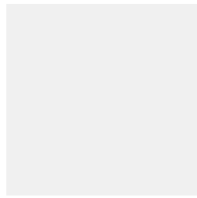
Your answer is correct.

The correct answer is: 15 days

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If 1 man or 3 women or 5 boys can do a piece of work in 46 days, then how many days will one man, one woman and one boy together take to complete the same piece of work?

Select one:

- ☐ a. 40 days
- ☐ b. 35 days
- ☒ c. 30 days
- ☐ d. 32 days

Feedback

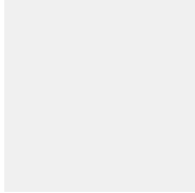
Your answer is correct.

The correct answer is: 30 days

Question **11**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If 49 men can build a wall of $28 \text{ m} \times 20 \text{ m} \times 2.5 \text{ m}$ in 36 days, how many men will be required to build a wall of $30 \text{ m} \times 15 \text{ m} \times 2 \text{ m}$ in 42 days?

Select one:

- ☐ a. 25
- ☒ b. 23
- ☐ c. 27
- ☐ d. 22

Feedback

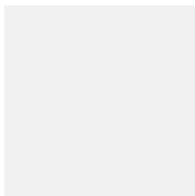
Your answer is incorrect.

The correct answer is: 27

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A water tank has three taps A, B and C. Tap A, when opened, can fill the water tank alone in 4 hours. Tap B when opened, can fill water tank alone in 6 hours and tap C when opened, can empty the water tank alone in 3 hours. If taps A, B and C are opened simultaneously, how long will it take to fill the tank completely?

Select one:

- ☒ a. 12 hours
- ☐ b. 18 hours
- ☐ c. 10 hours
- ☐ d. 8 hours

Feedback

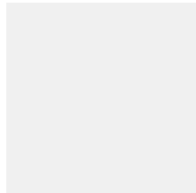
Your answer is correct.

The correct answer is: 12 hours

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two taps A and B can fill a tank in 12 minutes and 15 minutes respectively. If both the taps are opened simultaneously and the tap A is closed after 3 minutes, then how much more time will it take to fill the tank by tap B?

Select one:

- ☒ a. 8 min & 15 sec
- ☐ b. 7 min & 45 sec
- ☐ c. 8 min & 5 sec
- ☐ d. 7 min & 15 sec

Feedback

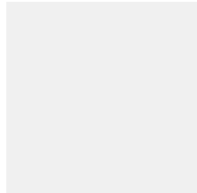
Your answer is correct.

The correct answer is: 8 min & 15 sec

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A port had provisions for 125 men for 30 days. After 20 days, 75 men left the port. How long will the food last at the same rate?

Select one:

- ☐ a. 25 days
- ☒ b. 40 days
- ☐ c. 35 days
- ☐ d. 30 days

Feedback

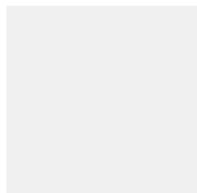
Your answer is incorrect.

The correct answer is: 25 days

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If three pumps can empty a tank in 2 days by working 8 hours a day, then how many hours a day must 4 pumps work to empty the tank in one day?

Select one:

- ☐ a. 15 hours
- ☐ b. 12 hours
- ☒ c. 18 hours
- ☐ d. 9 hours

Feedback

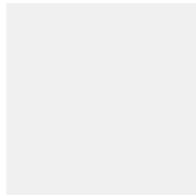
Your answer is incorrect.

The correct answer is: 12 hours

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A stock of food grain lasts for 21 days for village A. The same stock would last for 28 days for village B. If the food grains are used for both the villages together, the stock would last for

Select one:

- ☒ a. 12 days
- ☐ b. 49 days
- ☐ c. 14 days
- ☐ d. 7 days

Feedback

Your answer is correct.

The correct answer is: 12 days

A train crosses a pole in 15 seconds, while it crosses 100 meter long platform in 25 seconds. Find the length of the train.

Select one:

- ☐ a. 135 m
- ☒ b. 125 m
- ☐ c. 150 m
- ☐ d. 175 m

Feedback

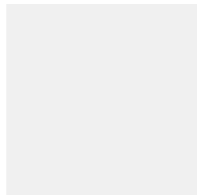
Your answer is incorrect.

The correct answer is: 150 m

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Speed of a boat in still water is 9 km/hr. It goes 12 km downstream and comes back to the starting point in three hours. What is the speed of water in the stream?

Select one:

- ☐ a. 5 km/hr
- ☒ b. 3 km/hr
- ☐ c. 4.5 km/hr
- ☐ d. 4 km/hr

Feedback

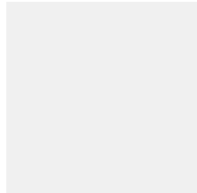
Your answer is correct.

The correct answer is: 3 km/hr

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A 280 metre long train moving with an average speed of 108 km/hr crosses a platform in 12 seconds. A man crosses the same platform in 10 seconds. What is the speed of the man in meter / second?

Select one:

- ☐ a. 12 m/s
- ☒ b. 16 m/s
- ☐ c. 8 m/s
- ☐ d. 5 m/s

Feedback

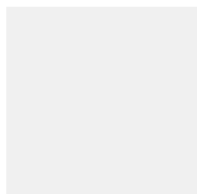
Your answer is incorrect.

The correct answer is: 8 m/s

Question **4**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Train-A crosses a stationary train-B in 50 seconds and a pole in 20 seconds with the same speed. The length of the train-A is 240 meters. What is the length of the stationary train-B?

Select one:

- ☐ a. 300 m
- ☐ b. 200 m
- ☒ c. 260 m
- ☐ d. 360 m

Feedback

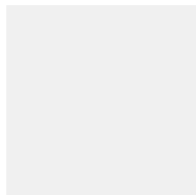
Your answer is incorrect.

The correct answer is: 360 m

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A boat travels 24 km upstream in 6 hours and 20 km downstream in 4 hours. Then the speed of boat in still water and the speed of water current are respectively.

Select one:

- ☐ a. 4 km/hr & 2 km/hr
- ☐ b. 4 km/hr & 3 km/hr
- ☐ c. 5 km/hr & 2 km/hr
- ☒ d. 4.5 km/hr & 0.5 km/hr

Feedback

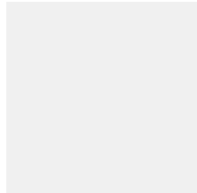
Your answer is correct.

The correct answer is: 4.5 km/hr & 0.5 km/hr

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A boat running down stream covers a distance of 30 km in 2 hours. While coming back the boat takes 6 hours to cover the same distance. If the speed of the current is half that of the boat, what is the speed of that boat in km/hr?

Select one:

- ☒ a. 10
- ☐ b. 5
- ☐ c. 15
- ☐ d. 20

Feedback

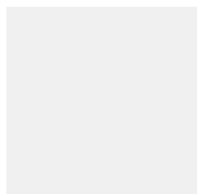
Your answer is correct.

The correct answer is: 10

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A boat travelled from A to B and back to A from B in 5 hours. If the speed of the boat in still water and the speed of the stream is 7.5 km/hr and 1.5 km/hr respectively. Find the distance between A and B?

Select one:

- ☐ a. 18 km
- ☒ b. 15 km
- ☐ c. 17 km
- ☐ d. 16 km

Feedback

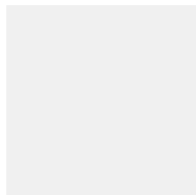
Your answer is incorrect.

The correct answer is: 18 km

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Sonal runs 220 meters every day. How many kilometers will she run in 3 weeks?

Select one:

- ☐ a. 5.62 km
- ☐ b. 4.42 km
- ☒ c. 6.32 km
- ☐ d. 4.62 km

Feedback

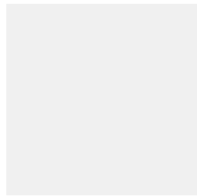
Your answer is incorrect.

The correct answer is: 4.62 km

Question **9**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The average speed of a car is two-third of the average speed of a train, which travels 270 km in 3 hours. How much distance will the car cover in 5 hours?

Select one:

- ☐ a. 460 km
- ☐ b. 400 km
- ☐ c. 300 km
- ☒ d. 360 km

Feedback

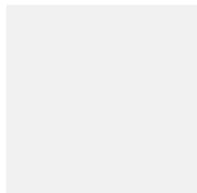
Your answer is incorrect.

The correct answer is: 300 km

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A car covers a distance of 576 km in 12 hours. What is the speed of the car?

Select one:

- ☐ a. 54 km/hr
- ☒ b. 46 km/hr
- ☐ c. 48 km/hr
- ☐ d. 62 km/hr

Feedback

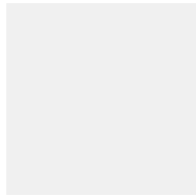
Your answer is incorrect.

The correct answer is: 48 km/hr

Question **11**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Three friends A, B and C started jogging simultaneously from the same point of a circular stadium and completed one round each in 24 , 36 and 40 seconds respectively. In how many minutes will all the three meet again at the same starting point?

Select one:

- ☐ a. 5 mins
- ☐ b. 6 mins
- ☒ c. 7 mins
- ☐ d. 8 mins

Feedback

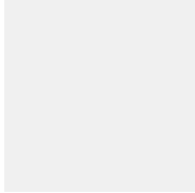
Your answer is incorrect.

The correct answer is: 6 mins

Question **12**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Suresh takes as much time in running 18 meters as a car takes in covering 48 meters. What will be the distance covered by Suresh during the time the car covers 1.6 km?

Select one:

- ☒ a. 360 m
- ☐ b. 600 m
- ☐ c. 800 m
- ☐ d. 480 m

Feedback

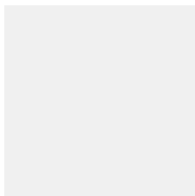
Your answer is incorrect.

The correct answer is: 600 m

Question **13**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A bus covers a distance of 472 km in 8 hours and a car covers a distance of 312 km in 6 hours. What is the difference between the speed of the bus and the car?

Select one:

- ☐ a. 4 km/hr
- ☐ b. 7 km/hr
- ☒ c. 6 km/hr
- ☐ d. 5 km/hr

Feedback

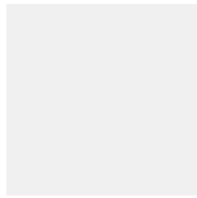
Your answer is incorrect.

The correct answer is: 7 km/hr

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train leaves Mumbai at 9 am at a speed of 40 km/hr. After one hour, another train leaves Mumbai in the same direction as that of the first train at a speed of 50 km/hr. When and at what distance from Mumbai do the two trains meet?

Select one:

- ☐ a. 1:00 pm, 200 km
- ☐ b. 2:00 pm, 220 km
- ☒ c. 2:00 pm, 200 km
- ☐ d. 1:00 pm, 220 km

Feedback

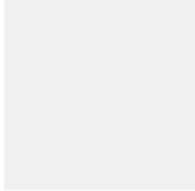
Your answer is correct.

The correct answer is: 2:00 pm, 200 km

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The distance between the two stations is 720 km. A train starts from the first station towards the second station at 45 km/hr and at the same time another train starts from the second station towards the first station at 35 km/hr. Where will they meet from the second station?

Select one:

- ☐ a. 350 km
- ☒ b. 210 km
- ☐ c. 245 km
- ☐ d. 315 km

Feedback

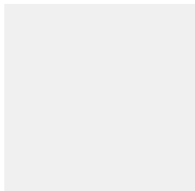
Your answer is incorrect.

The correct answer is: 315 km

Question **16**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Train – A crosses a pole in 25 seconds and another train – B crosses a pole in 1 minute 15 seconds. Length of train-A is half the length of Train-B. What is the respective ratio between the speeds of train-A and train-B?

Select one:

- ☐ a. 4 : 3
- ☒ b. 2 : 3
- ☐ c. 3 : 4
- ☐ d. 3 : 2

Feedback

Your answer is incorrect.

The correct answer is: 3 : 2

In how many ways can the letters of the word ‘ATTEMPT’ be arranged?

Select one:

- ☐ a. 780
- ☒ b. 840
- ☐ c. 980
- ☐ d. 520

Feedback

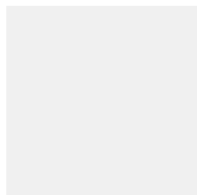
Your answer is correct.

The correct answer is: 840

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many four digit numbers can be formed using the digits {2, 3, 5, 1, 7, 9}(repetition of digits is not allowed)?

Select one:

- ☐ a. 300
- ☐ b. 200
- ☒ c. 360
- ☐ d. 180

Feedback

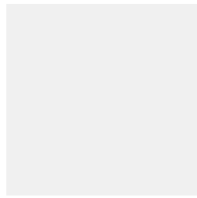
Your answer is correct.

The correct answer is: 360

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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

Select one:

- ☒ a. 4320
- ☐ b. 13440
- ☐ c. 1440
- ☐ d. 360

Feedback

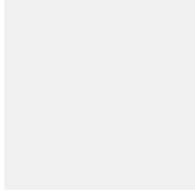
Your answer is correct.

The correct answer is: 4320

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

4 boys and 3 girls are to be seated in a row in such a way that no two boys sit adjacent to each other. In how many different ways can it be done?

Select one:

- ☐ a. 72
- ☐ b. 30
- ☒ c. 144
- ☐ d. 5040

Feedback

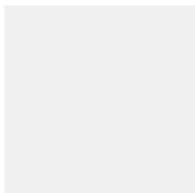
Your answer is correct.

The correct answer is: 144

Question **5**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In how many ways can five boys and three girls sit in a row such that all boys sit together?

Select one:

- ☐ a. 5760
- ☐ b. 1570
- ☒ c. 4800
- ☐ d. 2880

Feedback

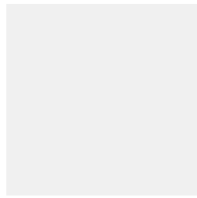
Your answer is incorrect.

The correct answer is: 2880

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In how many ways can 6 people be seated on a sofa, if there are only 3 seats available?

Select one:

- ☐ a. 210
- ☒ b. 180
- ☐ c. 120
- ☐ d. 216

Feedback

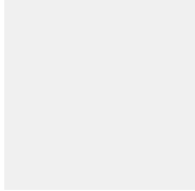
Your answer is incorrect.

The correct answer is: 216

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A delegation of 5 members has to be formed from 3 ladies and 5 gentlemen. In how many ways the delegation can be formed, if 2 particular ladies are always included in the delegation?

Select one:

- ☒ a. 42
- ☐ b. 54
- ☐ c. 20
- ☐ d. 60

Feedback

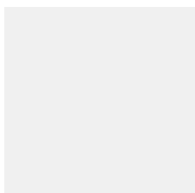
Your answer is incorrect.

The correct answer is: 20

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The difference between the greatest and the smallest numbers formed with the digits 5, 9, 0, 2 (without repeating them) is given by

Select one:

- ☐ a. 7460
- ☒ b. 7462
- ☐ c. 7463
- ☐ d. 7461

Feedback

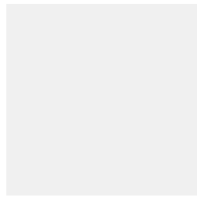
Your answer is incorrect.

The correct answer is: 7461

Question 9

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What is the probability that a card drawn at random from a pack of 52 cards is either a king or a spade?

Select one:

- ☒ a. $17/52$
- ☐ b. $4/13$
- ☐ c. $3/13$
- ☐ d. $13/52$

Feedback

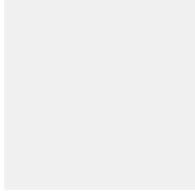
Your answer is incorrect.

The correct answer is: $4/13$

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A die is thrown twice, what is the probability of getting sum 7 from both the throws?

Select one:

- ☐ a. $1/6$
- ☒ b. $1/9$
- ☐ c. $1/18$
- ☐ d. $5/18$

Feedback

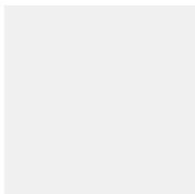
Your answer is incorrect.

The correct answer is: $1/6$

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains 9 red, 7 white and 4 black balls. If two balls are drawn at random, find the probability that both the balls are red.

Select one:

- ☐ a. 91/190
- ☐ b. 1/12
- ☒ c. 18/95
- ☐ d. 17/95

Feedback

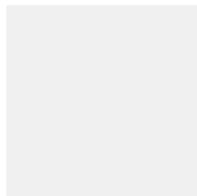
Your answer is correct.

The correct answer is: 18/95

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If the letters of the word 'NISHANT' are arranged at random, what is the probability that the letters I and A will come together?

Select one:

- ☐ a. 4/7
- ☒ b. 2/7
- ☐ c. 1/7
- ☐ d. 5/7

Feedback

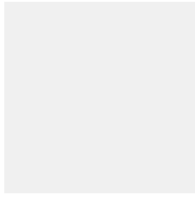
Your answer is correct.

The correct answer is: 2/7

Question **13**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If six persons sit in a row, then the probability that three particular persons are always together is:

Select one:

- ☐ a. $4/5$
- ☒ b. $1/20$
- ☐ c. $1/5$
- ☐ d. $3/10$

Feedback

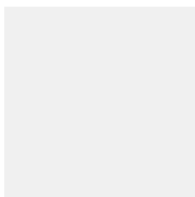
Your answer is incorrect.

The correct answer is: $1/5$

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

From a well-shuffled pack of 52 playing cards, one card is drawn at random. What is the probability that the card drawn will be a black king?

Select one:

- ☐ a. $1/26$
- ☐ b. $7/13$
- ☒ c. $3/13$
- ☐ d. $9/13$

Feedback

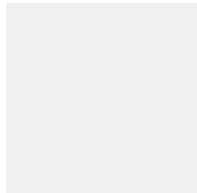
Your answer is incorrect.

The correct answer is: $1/26$

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains 13 white and 7 black balls. Two balls are drawn at random, what is the probability that they are of the same colour?

Select one:

- ☐ a. $41/190$
- ☒ b. $99/190$
- ☐ c. $21/190$
- ☐ d. $59/190$

Feedback

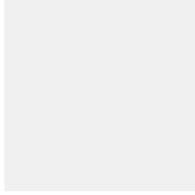
Your answer is correct.

The correct answer is: $99/190$

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A coin is tossed five times. What is the probability that there is at least one tail?

Select one:

- ☐ a. $1/32$
- ☐ b. $1/2$
- ☐ c. $1/16$
- ☒ d. $31/32$

Feedback

Your answer is correct.

The correct answer is: $31/32$

The sum of the squares of 3 numbers is 170, while the sum of their products taken two at a time

is 157. What is the sum of the numbers?

Select one:

- ☐ a. 28
- ☒ b. 22
- ☐ c. 20
- ☐ d. 24

Feedback

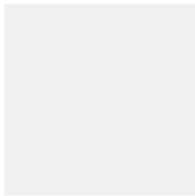
Your answer is correct.

The correct answer is: 22

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The tremors of the earthquake were felt at intervals of 15 seconds. The first tremor was felt at 08:54:57 am and the last tremor was felt at 10:45:12 am. How many times were the tremors felt?

Select one:

- ☐ a. 485
- ☐ b. 525
- ☒ c. 441
- ☐ d. 484

Feedback

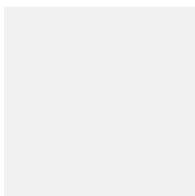
Your answer is correct.

The correct answer is: 441

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A train travelling at 250 kmph overtakes a cyclist who is travelling at 10 kmph in 45 seconds What is the length of the train in meters?

Select one:

- ☐ a. 10800 m
- ☒ b. 6000 m
- ☐ c. 5400 m
- ☐ d. 3000 m

Feedback

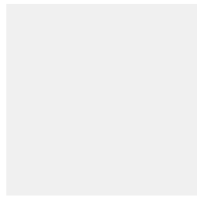
Your answer is incorrect.

The correct answer is: 3000 m

Question **4**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Find the ratio of distances covered by a car and a cyclist when it is given that the car moves for 1.5 hours at 30 kmph and the cyclist moves for 1 hour at 25 Kmph?

Select one:

- ☐ a. 3:2
- ☐ b. 5:1
- ☒ c. 6:5
- ☐ d. 9:5

Feedback

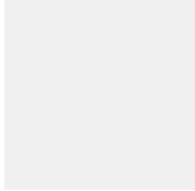
Your answer is incorrect.

The correct answer is: 9:5

Question **5**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Pradeep receives an export order for garments. He has 30 machines to complete the order in 60 days. How many machines would be required to complete the job in 40 days?

Select one:

- ☐ a. 45
- ☐ b. 50
- ☐ c. 35
- ☒ d. 25

Feedback

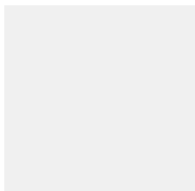
Your answer is incorrect.

The correct answer is: 45

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The product of 2 co-primes is 253. What is the LCM of these numbers?

Select one:

- ☒ a. Cannot be calculated
- ☐ b. 11
- ☐ c. 253
- ☐ d. Equal to HCF

Feedback

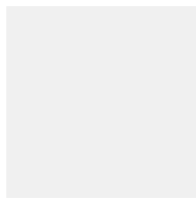
Your answer is incorrect.

The correct answer is: 253

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

To fill a storage tank of wheat, 20 containers full of wheat are required. How many containers of wheat will be required to fill the same tank if the capacity of the containers is reduced to two fifth of their present capacity?

Select one:

- ☐ a. 30
- ☒ b. 25
- ☐ c. 60
- ☐ d. 50

Feedback

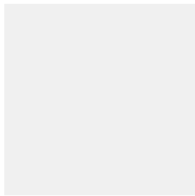
Your answer is incorrect.

The correct answer is: 50

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Swaroop draws a certain amount of money from the ATM machine. Number of Rs. 500 notes are double the number of Rs. 100 notes. What can be the possible amount drawn?

Select one:

- ☐ a. 8800
- ☐ b. 10000
- ☒ c. 5000
- ☐ d. 9500

Feedback

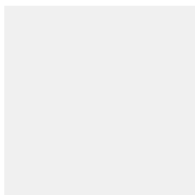
Your answer is incorrect.

The correct answer is: 8800

Question **9**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Suraj drives first 120 km in 2 hrs. and next 180 km in next 4 hrs. What is his average speed for the entire trip in km per hour?

Select one:

- ☐ a. 50 kmph
- ☒ b. 60 kmph
- ☐ c. 65 kmph
- ☐ d. 62.5 kmph

Feedback

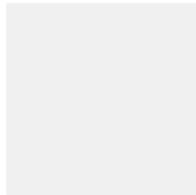
Your answer is incorrect.

The correct answer is: 50 kmph

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Deepak sells 50 shirts at the cost price of 60 shirts. His gain percent is

Select one:

- ☐ a. 20 %
- ☐ b. 15 %
- ☐ c. 25 %
- ☒ d. 10 %

Feedback

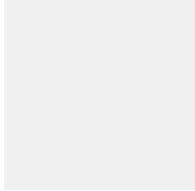
Your answer is incorrect.

The correct answer is: 20 %

Question **11**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Rajesh starts for a wedding venue at 6 pm and drives at a speed of 60 km/hr. Ramesh starts for the same venue at 6.30 pm, and drives at a speed of 75 km/hr. When will both reach the venue, provided they reach at the same time?

Select one:

- ☒ a. 8.00 pm
- ☐ b. 9.00 pm
- ☐ c. 9.30 pm
- ☐ d. 8.30 pm

Feedback

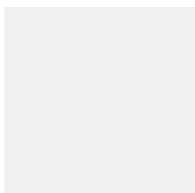
Your answer is incorrect.

The correct answer is: 8.30 pm

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the least number which when divided by 5, 8 and 19 leaves remainders 2, 5 and 16 respectively?

Select one:

- ☐ a. 760
- ☐ b. 747
- ☒ c. 757
- ☐ d. 767

Feedback

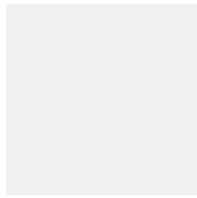
Your answer is correct.

The correct answer is: 757

Question 13

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The light from a laser beam travels at a speed of 3,00,000,000 meters per second. How far can it be seen within 20 nano seconds, assuming that there is no obstruction in between? (20 nano seconds 20×10^{-9} seconds)

Select one:

- ☐ a. 20 m
- ☒ b. 3 m
- ☐ c. 0.6 m
- ☐ d. 6 m

Feedback

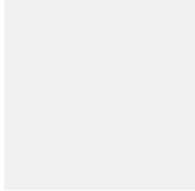
Your answer is incorrect.

The correct answer is: 6 m

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In how many ways can the team members be arranged for the team picture if all the males are always together and if the team comprises of 7 males and 6 females?

Select one:

- ☐ a. $13!$
- ☐ b. $7! 7!$
- ☒ c. $14!$
- ☐ d. $7!6!$

Feedback

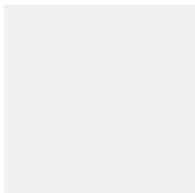
Your answer is incorrect.

The correct answer is: $7! 7!$

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What is the value of x in the expression $[\sqrt{3025} + \sqrt{0.0678 - x}] = 55.26$?

Select one:

- ☐ a. 2×10^{-3}
- ☒ b. 1×10^{-4}
- ☐ c. 2×10^{-4}
- ☐ d. 1×10^3

Feedback

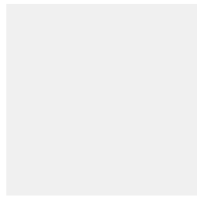
Your answer is incorrect.

The correct answer is: 2×10^{-4}

Question 16

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

5 men working 8 hours per day can paint a house in 6 days. How many days will 10 men working 6 hours per day take to paint on the same house?

Select one:

- ☐ a. 4 days
- ☐ b. 6 days
- ☒ c. 10 days
- ☐ d. 8 days

Feedback

Your answer is incorrect.

The correct answer is: 4 days

If $892.7 - 573.07 - 95.007 = \text{"A"}$. What is the value of A?

Select one:

- ☐ a. 224.777
- ☒ b. 224.623
- ☐ c. 414.637
- ☐ d. 233.523

Feedback

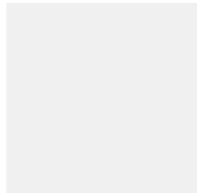
Your answer is correct.

The correct answer is: 224.623

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Which of the following numbers is not divisible by 14?

Select one:

- ☐ a. 2996
- ☒ b. 1998
- ☐ c. 2086
- ☐ d. 3542

Feedback

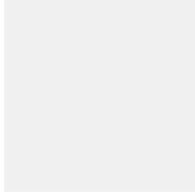
Your answer is correct.

The correct answer is: 1998

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A customer paid you \$600 for construction work, out of which, $\frac{3}{5}$ of the total amount was spent on the purchase of materials and $\frac{1}{5}$ of the remaining was spent on traveling. How much is left after all the deductions?

Select one:

- ☐ a. \$240
- ☒ b. \$120
- ☐ c. \$192
- ☐ d. \$190

Feedback

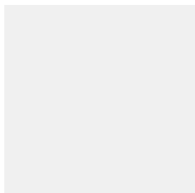
Your answer is incorrect.

The correct answer is: \$192

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man rows a boat at a speed of 15 mph in still water. Find the speed of the river if it takes her 4 hours 30 minutes to row a boat to a place 30 miles away and return.

Select one:

- ☒ a. 5 mph
- ☐ b. 12 mph
- ☐ c. 20 mph
- ☐ d. 10 mph

Feedback

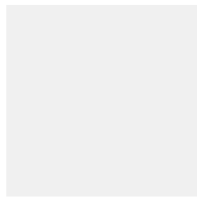
Your answer is correct.

The correct answer is: 5 mph

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the LCM of $147/64$ and $30/44$?

Select one:

- ☐ a. $735/704$
- ☐ b. $3/735$
- ☒ c. $735/2$
- ☐ d. $3/704$

Feedback

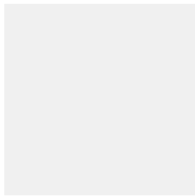
Your answer is correct.

The correct answer is: $735/2$

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average of 7 numbers is 60. The average of the first three numbers is 50, while the average of the last three is 70. What must be the remaining number?

Select one:

- ☐ a. 75
- ☐ b. 65
- ☒ c. 60
- ☐ d. 55

Feedback

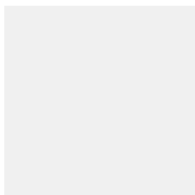
Your answer is correct.

The correct answer is: 60

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two trains for Palwal leave Kanpur at 10 a.m and 10:30 am and travel at the speeds of 60 Kmph and 75 Kmph respectively. After how many kilometers from Kanpur will the two trains be together?

Select one:

- ☐ a. 100
- ☐ b. 250
- ☒ c. 150
- ☐ d. 200

Feedback

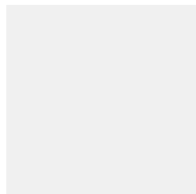
Your answer is correct.

The correct answer is: 150

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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 how many days?

Select one:

- ☐ a. 4.5 days
- ☒ b. 3 days
- ☐ c. 4 days

☐ d. 5.4 days

Feedback

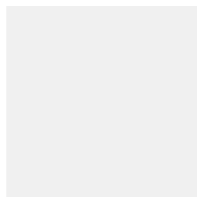
Your answer is correct.

The correct answer is: 3 days

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A mixture of 40 liters of milk and water contains 10% water. How much water should be added to this so that water may be 20% in the new mixture?

Select one:

- ☐ a. 7.5 liters
- ☐ b. 6.5 liters
- ☐ c. 4 liters
- ☒ d. 5 liters

Feedback

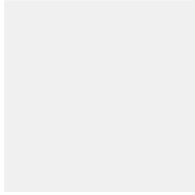
Your answer is correct.

The correct answer is: 5 liters

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a 100 m race, A can beat B by 25 m and B can beat C by 4 m. In the same race, A can beat C by?

Select one:

- ☐ a. 26 m
- ☐ b. 29 m
- ☒ c. 28 m
- ☐ d. 21 m

Feedback

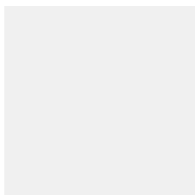
Your answer is correct.

The correct answer is: 28 m

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In an examination, 70% of students passed in physics, 65% in chemistry, 27% failed in both subjects. The percentage of students who passed is?

Select one:

- ☐ a. 66
- ☐ b. 69
- ☐ c. 68
- ☒ d. 62

Feedback

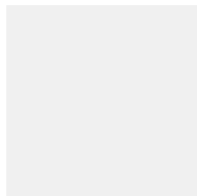
Your answer is correct.

The correct answer is: 62

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If 15 oxen or 20 cows can eat the grass of a field in 80 days, then in how many days will 6 oxen and 2 cows eat the same grass?

Select one:

- ☒ a. 160
- ☐ b. 60
- ☐ c. 40
- ☐ d. 100

Feedback

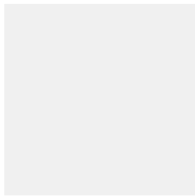
Your answer is correct.

The correct answer is: 160

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simplify $\{(3 * 2.333.... + 2)/3\} / (1/10 \text{ of } 100 + 4.8181....)$

Select one:

- ☐ a. 188/121
- ☐ b. 297/10377
- ☒ c. 33/163
- ☐ d. 21/34

Feedback

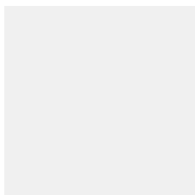
Your answer is correct.

The correct answer is: 33/163

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The value of y in $\log_y 1369y = 3$ is:

Select one:

- ☐ a. 39
- ☐ b. 35
- ☐ c. 33
- ☒ d. 37

Feedback

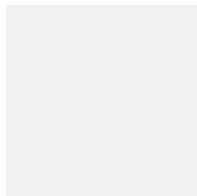
Your answer is correct.

The correct answer is: 37

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A salesman has the liberty to sell a hair dryer in his store at a price between Rs. 300 and Rs. 700. Profit earned by selling the hair dryer for Rs. 650 is twice the loss incurred when it is sold for Rs. 350. What is the cost price of the hair dryer?

Select one:

- ☐ a. 550
- ☐ b. 150
- ☒ c. 450
- ☐ d. 350

Feedback

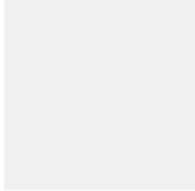
Your answer is correct.

The correct answer is: 450

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A television manufacturing company has decided to increase the sale to beat the economic slowdown. It decides to reduce the price of television sets by 25% as a result of which the sales increased by 20%. What is the effect on the total revenue of the company?

Select one:

- ☐ a. Increased by 20%
- ☐ b. Increased by 10%
- ☒ c. Decreased by 10%
- ☐ d. Decreased by 20%

Feedback

Your answer is correct.

The correct answer is: Decreased by 10%

A 280 metre long train moving with an average speed of 108 km/hr crosses a platform in 12 seconds. A man crosses the same platform in 10 seconds. What is the speed of the man in meter / second?

Select one:

- ☐ a. 8 m/s
- ☒ b. 14 m/s
- ☐ c. 5 m/s
- ☐ d. 12 m/s

☐ e. 10 m/s

Feedback

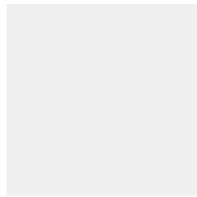
Your answer is incorrect.

The correct answer is: 8 m/s

Question **2**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In an annual sale. There was a flat discount of 40% on all times. Komal bought a pair of jeans for Rs. 480. What is the labeled price of the pair of jeans?

Select one:

☐ a. 720

☐ b. 800

☒ c. 850

☐ d. 700

Feedback

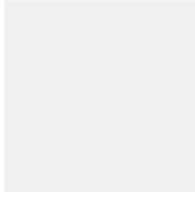
Your answer is incorrect.

The correct answer is: 800

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The LCM of two numbers is 35322. If the numbers are in the ratio 1:3, then their HCF is:

Select one:

- ☐ a. 23542
- ☐ b. 11774
- ☒ c. 58870
- ☐ d. 35322

Feedback

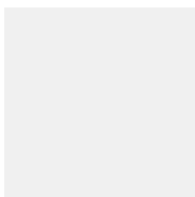
Your answer is incorrect.

The correct answer is: 11774

Question **4**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If $abc4d$ is divisible by 4, what cannot be the value of d ?

Select one:

- ☐ a. 8
- ☒ b. 4

- ☐ c. 2
- ☐ d. 0

Feedback

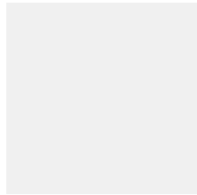
Your answer is incorrect.

The correct answer is: 2

Question **5**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Coins of 1,2 and 5 rupees are tossed. What is the probability of getting head on the 1 rupee, tail on the 2 rupee and a head on the 5 rupee coins?

Select one:

- ☐ a. $1/8$
- ☒ b. $1/2$
- ☐ c. $1/4$
- ☐ d. $1/16$

Feedback

Your answer is incorrect.

The correct answer is: $1/8$

Question **6**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A started a business with Rs. 2,70,000 and was joined by B three months afterwards. How much money did B invest if the profit share of A at the end of the year was three-fifth of the total profit?

Select one:

- ☐ a. 270000
- ☒ b. 280000
- ☐ c. 240000
- ☐ d. 100000

Feedback

Your answer is incorrect.

The correct answer is: 240000

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Find the value of $\frac{5}{7} + \frac{6}{9} + \frac{8}{11}$.

Select one:

- ☐ a. $\frac{224}{231}$

- ☐ b. 788/456
- ☒ c. 223/693
- ☐ d. 487/231

Feedback

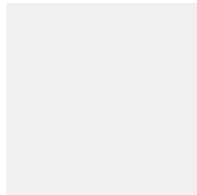
Your answer is incorrect.

The correct answer is: 487/231

Question **8**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What sum of money will accumulate to Rs.5,300 at 8% simple interest in 9 months?

Select one:

- ☐ a. Rs. 4000
- ☐ b. Rs. 5000
- ☐ c. Rs. 4500
- ☒ d. Rs. 5400

Feedback

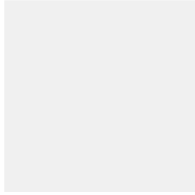
Your answer is incorrect.

The correct answer is: Rs. 5000

Question **9**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A quiz has one multiple choice question with answer choices A, B and C, and two true/false question. What is the probability of answering all three question correctly by guessing?

Select one:

- ☐ a. $1/4$
- ☐ b. $1/5$
- ☐ c. $1/12$
- ☒ d. $1/3$

Feedback

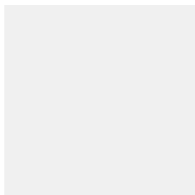
Your answer is incorrect.

The correct answer is: $1/12$

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Choose the correct option.

What will be the value of A and B: $A8 + 96 = 1AB$

Select one:

- ☐ a. Inconsistent data
- ☐ b. $A=4, B=2$
- ☐ c. $A=2, B=4$
- ☒ d. $A=3, B=4$

Feedback

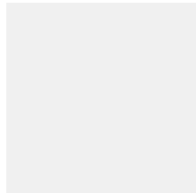
Your answer is incorrect.

The correct answer is: Inconsistent data

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains orange flavoured candies only. Malini takes out one candy without looking into the bag. What is the probability that she takes out an orange flavoured candy?

Select one:

- ☐ a. $1/2$
- ☐ b. $1/3$
- ☐ c. 0
- ☒ d. 1

Feedback

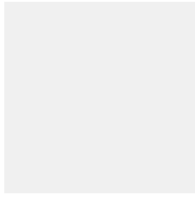
Your answer is correct.

The correct answer is: 1

Question **12**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

When 2^{35} is divided by 5, the remainder is:

Select one:

- ☐ a. 0
- ☐ b. 3
- ☐ c. 4
- ☒ d. 2

Feedback

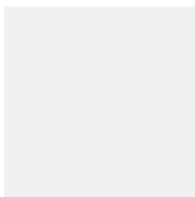
Your answer is incorrect.

The correct answer is: 3

Question **13**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The product of two numbers is 2208. If the LCM of the numbers is 552. What is their HCF?

Select one:

- ☐ a. 12

- ☐ b. Data inconsistent
- ☐ c. 4
- ☒ d. 24

Feedback

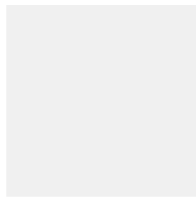
Your answer is incorrect.

The correct answer is: 4

Question **14**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A and B together have Rs. 6300. If $\frac{5}{19}$ th of A's amount is equal to $\frac{2}{5}$ th of B's amount. The amount of 'B' is

Select one:

- ☐ a. Rs. 2300
- ☐ b. Rs. 4200
- ☐ c. Rs. 3800
- ☐ d. Rs. 2500
- ☒ e. Rs. 4000

Feedback

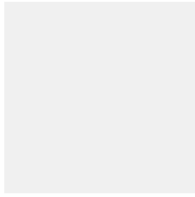
Your answer is incorrect.

The correct answer is: Rs. 2500

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

How many litres of a 90% solution of concentrated acid needs to be mixed with a 75% solution of concentrated acid to get a 30 L solution of 78% concentrated acid?

Select one:

- ☐ a. 17.5 L
- ☐ b. 6 L
- ☒ c. 22.5 L
- ☐ d. 24 L

Feedback

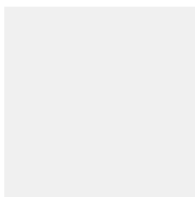
Your answer is incorrect.

The correct answer is: 6 L

Question **16**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What is the remainder if 8^{25} is divided by 7?

Select one:

- ☐ a. 8

- ☐ b. 1
- ☒ c. 0
- ☐ d. 25

Feedback

Your answer is incorrect.

The correct answer is: 1

An air conditioner can cool the hall in 40 minutes while another takes 45 minutes to cool under similar conditions. If both air conditioners are switched on at same instance, then how long will it take to cool the room?

Select one:

- ☒ a. About 22 minutes
- ☐ b. About 20 minutes
- ☐ c. About 30 minutes
- ☐ d. About 25 minutes

Feedback

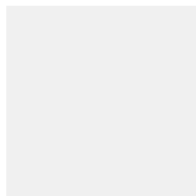
Your answer is correct.

The correct answer is: About 22 minutes

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The LCM and HCF of two numbers are 2970 and 30 respectively. Prime factors of the product of two numbers are:

Select one:

- ☐ a. 2, 4, 5, 11
- ☐ b. 2, 3, 7, 11
- ☒ c. 2, 3, 5, 11
- ☐ d. 2, 3, 7, 13

Feedback

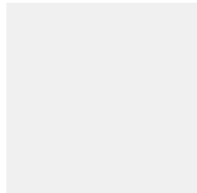
Your answer is correct.

The correct answer is: 2, 3, 5, 11

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Simplify $(\frac{3}{7} + 22\frac{4}{7} - \frac{2}{8})$ divided by $\frac{1}{4}$.

Select one:

- ☐ a. 91
- ☐ b. 21
- ☐ c. $3\frac{3}{7}$
- ☒ d. $3\frac{2}{7}$

Feedback

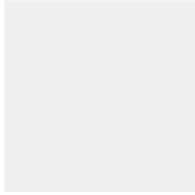
Your answer is incorrect.

The correct answer is: 91

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A can finish a job in 12 hours and B in 14 hours. A&B work alternatively, starting with A. if A earns Rs. 50 per hour, how much does A earn through this job? (approximately)

Select one:

- ☐ a. Rs. 300
- ☐ b. Rs. 250
- ☐ c. Rs. 400
- ☒ d. Rs. 350

Feedback

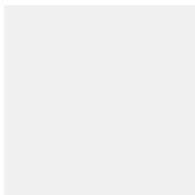
Your answer is correct.

The correct answer is: Rs. 350

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If Anita scores 66 out of hundred then how much does she score out of 75?

Select one:

- ☒ a. 49.5
- ☐ b. 60.5

- ☐ c. 45.5
- ☐ d. 56.5

Feedback

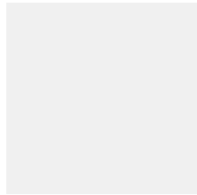
Your answer is correct.

The correct answer is: 49.5

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man bought 400 meters of cloth for Rs. 40,000 & sold it at a rate of Rs. 200 per one and a half meter. What was his percentage profit or loss?

Select one:

- ☐ a. 27% loss
- ☐ b. 36% loss
- ☐ c. 25% profit
- ☒ d. 33% profit

Feedback

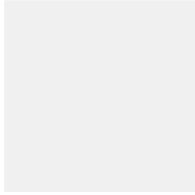
Your answer is correct.

The correct answer is: 33% profit

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bank advertises that you can double the money by investing it with them for 8 years. What is the interest rate offered by them?

Select one:

- ☒ a. 12.5%
- ☐ b. 14%
- ☐ c. 8.5%
- ☐ d. 10%

Feedback

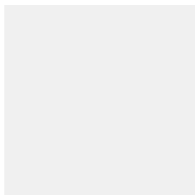
Your answer is correct.

The correct answer is: 12.5%

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the value of (ay) in $(13^{-20} - a \times 13^y) = 168 \times 13^{-22}$?

Select one:

- ☐ a. (1, 2)
- ☐ b. (0, 1)

- ☒ c. (1, -22)
- ☐ d. (-1, 2)
- ☐ e. (-1, 22)

Feedback

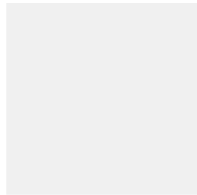
Your answer is correct.

The correct answer is: (1, -22)

Question **9**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What is the unit digit of the following sum: $1 + 2^2 + 3^3 + 4^4 + 5^5 + 6^6$?

Select one:

- ☐ a. 0
- ☐ b. 4
- ☐ c. 9
- ☒ d. 7

Feedback

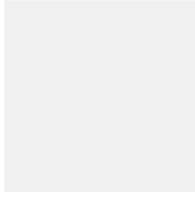
Your answer is incorrect.

The correct answer is: 9

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A man rows a boat at a speed of 5km/hr in still water. Find the speed of a river if it takes him 1hr to row a boat to place 2.4 km away and return back.

Select one:

- ☐ a. 4 km/hr
- ☐ b. 6 km/hr
- ☐ c. 1 km/hr
- ☒ d. 3 km/hr

Feedback

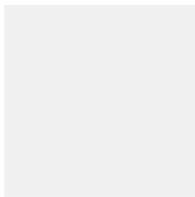
Your answer is incorrect.

The correct answer is: 1 km/hr

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A shopkeeper offers 'buy1, get 1 free' offer on a t-shirt marked at Rs. 2,400. If after a sale, the shopkeeper earns a profit of 33.33%, then what is the actual price of the t-shirt?

Select one:

- ☐ a. Rs. 1200

- ☐ b. Rs. 800
- ☐ c. Rs. 1000
- ☒ d. Rs. 900

Feedback

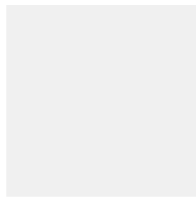
Your answer is correct.

The correct answer is: Rs. 900

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A water pump takes 6 hours to fill an over head tank, Standby pump takes 10 hours to fill the same over head tank. If first pump fails after 2 hours of running. Then how long will the standby pump take to fill the overhead tank?

Select one:

- ☒ a. $6 \frac{2}{3}$ hours
- ☐ b. 8 hours
- ☐ c. 6 hours
- ☐ d. $8 \frac{2}{3}$ hours

Feedback

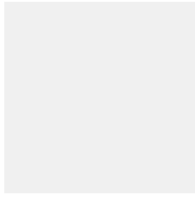
Your answer is correct.

The correct answer is: $6 \frac{2}{3}$ hours

Question **13**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If $2^{2n-1} = (1/8^{n-3})$ then the value of n is:

Select one:

- ☐ a. 0
- ☐ b. 2
- ☒ c. 3
- ☐ d. -2

Feedback

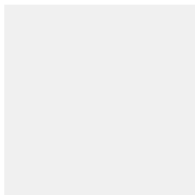
Your answer is incorrect.

The correct answer is: 2

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Shobhit bought 300 liters of milk at Rs. 19 per litre. He added 200 litres of water to it and sold 400 litres of this milk at Rs. 20 per liter. To the rest, he added 10 litres more water and then sold it for Rs. 15 per litre. If he used mineral water that costs Rs. 10 per litre. Then the total money earned by shobhit is:

Select one:

- ☒ a. Rs. 1850
- ☐ b. Rs. 4150
- ☐ c. Rs. 1800
- ☐ d. Rs. 4000

Feedback

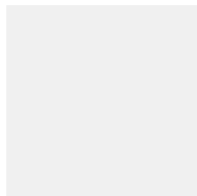
Your answer is correct.

The correct answer is: Rs. 1850

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An integer “X” is saved as an unsigned 8-bit number 00001011. What is X?

Select one:

- ☐ a. 10
- ☒ b. 11
- ☐ c. 15
- ☐ d. 22

Feedback

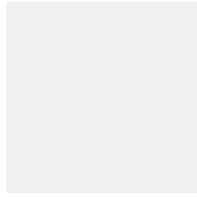
Your answer is correct.

The correct answer is: 11

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If the sum of two numbers is 27 and their HCF and LCM are 3 and 60 respectively, then the sum of the reciprocal of the two numbers is:

Select one:

- ☐ a. $1/5$
- ☐ b. $3/10$
- ☐ c. $1/10$
- ☒ d. $3/20$

Feedback

Your answer is correct.

The correct answer is: $3/20$

Population of a village is eight thousand. If 6% men and 10% women are added, population becomes 8600, then the number of men in the village was:

Select one:

- ☐ a. 5060
- ☐ b. 6000
- ☐ c. 4800
- ☒ d. 5000

Feedback

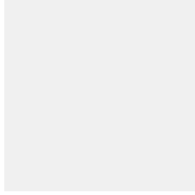
Your answer is correct.

The correct answer is: 5000

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many zeroes are used in writing first hundred whole numbers?

Select one:

- ☒ a. 12
- ☐ b. 13
- ☐ c. 9
- ☐ d. 10

Feedback

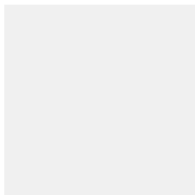
Your answer is correct.

The correct answer is: 12

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A show room offers a 10% discount on a microwave, whose marked price is Rs. 8,000, and also gives a blender worth Rs. 1,200 as a complimentary gift with it. Even then, the showroom earns a profit of 20%. The cost price per microwave is:

Select one:

- ☐ a. Rs. 4000
- ☐ b. Rs. 6000
- ☐ c. Rs. 7200
- ☒ d. Rs. 5000

Feedback

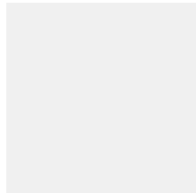
Your answer is correct.

The correct answer is: Rs. 5000

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average age of 10 members of a dance group is 12. Three members of age 9,10 and 11 years leave the group. A year later, three new members of age 11,12 and 13 years respectively join the group. What is the average age of the group now?

Select one:

- ☐ a. 14 Years
- ☐ b. None of these
- ☒ c. 13.3 Years
- ☐ d. 12.6 Years
- ☐ e. 11 years

Feedback

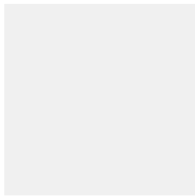
Your answer is correct.

The correct answer is: 13.3 Years

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A group of women can finish a piece of work in 50days. In how many days will one-third the number of women be able to finish two-third of the work?

Select one:

- ☐ a. 150 days
- ☐ b. 75 days
- ☐ c. 50 days
- ☒ d. 100 days

Feedback

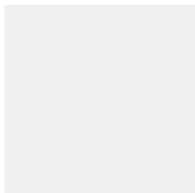
Your answer is correct.

The correct answer is: 100 days

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If we permute 5 letters of the word 'lemon' in 5! Ways. In how many words vowels do not come together?

Select one:

- ☐ a. 120
- ☒ b. 72
- ☐ c. 24
- ☐ d. 48

Feedback

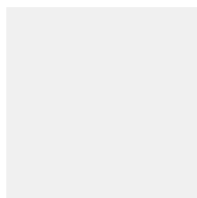
Your answer is correct.

The correct answer is: 72

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ronald and Elan are working on an assignment. Roland takes 6 hours to type 32 pages on a computer, while Elan takes 5 hours to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?

Select one:

- ☐ a. 7 hours 30 minutes
- ☒ b. 8 hours 15 minutes
- ☐ c. 8 hours 25 minutes
- ☐ d. 8 hours

Feedback

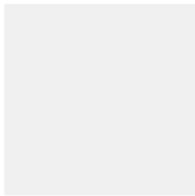
Your answer is correct.

The correct answer is: 8 hours 15 minutes

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What are the values for X&Y in $72X23Y$ for it to be perfectly divisible by 88?

Select one:

- ☐ a. $X=7$ & $Y=5$
- ☒ b. $X=7$ & $Y=2$
- ☐ c. $X=3$ & $Y=2$
- ☐ d. $X=1$ & $Y=5$

Feedback

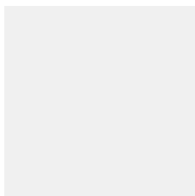
Your answer is correct.

The correct answer is: $X=7$ & $Y=2$

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Both shruti and Pooja randomly choose a colour from red, orange, and yellow. What is the probability that both choose orange?

Select one:

- ☐ a. 1/6
- ☐ b. 1/3
- ☒ c. 1/9
- ☐ d. 2/3

Feedback

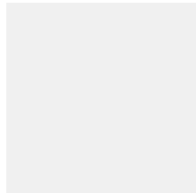
Your answer is correct.

The correct answer is: 1/9

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If $a=0.24$ & $b = 1.76$, then computer the following expression –

$$a^4 + 4a^3b + 6a^2b^2 + 4ab^3 + b^4$$

Select one:

- ☐ a. 1
- ☐ b. 4
- ☒ c. 16
- ☐ d. 2
- ☐ e. 1.52

Feedback

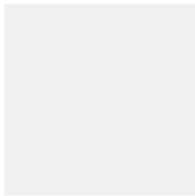
Your answer is correct.

The correct answer is: 16

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Given that the interest is only earned on principal, if an investment of Rs. 1000.00 amounts to Rs. 1440.00 in two years, then what is the rate of interest earned?

Select one:

- ☐ a. 44%
- ☐ b. 21%
- ☐ c. 11%
- ☒ d. 22%
- ☐ e. 20%

Feedback

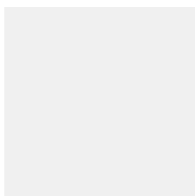
Your answer is correct.

The correct answer is: 22%

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average age of the state level cricket team of eleven is 22 years. The average age gets increased by 1 year when the coach age is also included. What is the age of the coach?

Select one:

- ☐ a. 40
- ☒ b. 34
- ☐ c. 30
- ☐ d. 23

Feedback

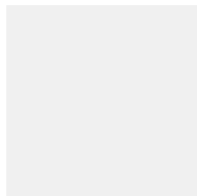
Your answer is correct.

The correct answer is: 34

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Choose the correct option.

2185 is a multiple of.

Select one:

- ☐ a. 17
- ☒ b. 23
- ☐ c. 21
- ☐ d. 25

Feedback

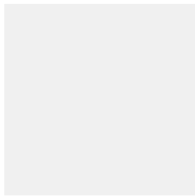
Your answer is correct.

The correct answer is: 23

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the smallest number, which when divided by 24, 30, 48 and 60, leaves a remainder 2 in each case.

Select one:

- ☒ a. 242
- ☐ b. 8
- ☐ c. 238
- ☐ d. 4

Feedback

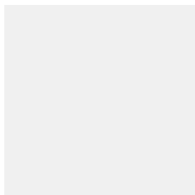
Your answer is correct.

The correct answer is: 242

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the smallest square number which is divisible by 2, 4, 5, 6 and 9?

Select one:

- ☒ a. 900
- ☐ b. 3600
- ☐ c. 400
- ☐ d. 180

Feedback

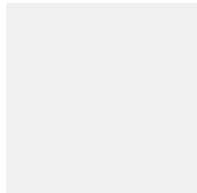
Your answer is correct.

The correct answer is: 900

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Mayank is going on a holiday trip. He wants to pack 3 t-shirts from 5 t-shirts he has. In how many ways can he make his choice?

Select one:

- ☐ a. 8
- ☐ b. 20
- ☒ c. 10
- ☐ d. 15

Feedback

Your answer is correct.

The correct answer is: 10

A number becomes a perfect square when we subtract 1 from it. Which of the given options CANNOT be the last digit of that number?

Select one:

- ☐ a. 0
- ☐ b. 2
- ☒ c. 4
- ☐ d. 5

Feedback

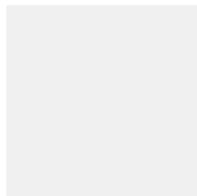
Your answer is correct.

The correct answer is: 4

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many toffees were distributed in total among Ankit, Anket and Arjun in the ratio 2:3:7, if Anket receives 84 toffees in total?

Select one:

- ☐ a. 300
- ☒ b. 336
- ☐ c. 312
- ☐ d. 324

Feedback

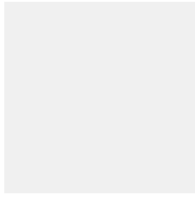
Your answer is correct.

The correct answer is: 336

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A number is to be multiplied by the fraction $\frac{4}{5}$. But Samir, by mistake, multiplied it by $\frac{5}{4}$ and obtained the number 81 more than the correct one. What was the original number?

Select one:

- ☐ a. 240
- ☐ b. 200
- ☒ c. 180
- ☐ d. 120

Feedback

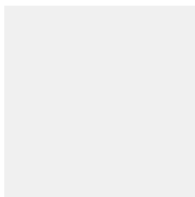
Your answer is correct.

The correct answer is: 180

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Surekha travels 10 km to reach her office. She walks 0.5 km on foot at a speed of 8kmph to catch her chartered bus which travels at a speed of 40kmph. Time taken by her to reach the office is:

Select one:

- ☐ a. 15 mins
- ☒ b. 18 mins
- ☐ c. 30 mins
- ☐ d. 20 mins

Feedback

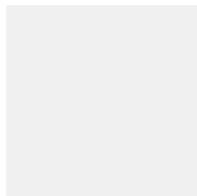
Your answer is correct.

The correct answer is: 18 mins

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Which is better discount for customer point of view: a successive discount of 40% and 30% or a discount of flat 70%?

Select one:

- ☐ a. None of these
- ☐ b. 40% and 30%
- ☐ c. Both are equivalent
- ☒ d. 70%

Feedback

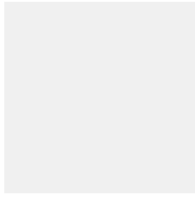
Your answer is correct.

The correct answer is: 70%

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the value of i^{34} ?

Select one:

- ☐ a. 0
- ☐ b. 1
- ☒ c. -1
- ☐ d. i

Feedback

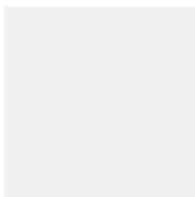
Your answer is correct.

The correct answer is: -1

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

what is the least number by which 16,800 must be divided to get a number which is a perfect square?

Select one:

- ☒ a. 42

- ☐ b. 40
- ☐ c. 21
- ☐ d. 24

Feedback

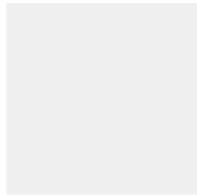
Your answer is correct.

The correct answer is: 42

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a test called ACSAT, the average marks of 15 test takers is 240. If the marks of 5 test takers are subtracted, the average marks decreases by 40. What is the average marks of 5 test takers?

Select one:

- ☐ a. 1600
- ☒ b. 320
- ☐ c. 200
- ☐ d. 40

Feedback

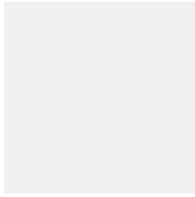
Your answer is correct.

The correct answer is: 320

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A long distance train is scheduled to reach its destination in 19 hours. After 10 hours of journey, due to disruption of rail traffic, the train has to be stationed for 1 hour. If the average speed of the train is 100km/hr, at what speed should it travel to cover the distance in same amount of time?

Select one:

- ☐ a. 110.5
- ☒ b. 112.5
- ☐ c. 110
- ☐ d. 112

Feedback

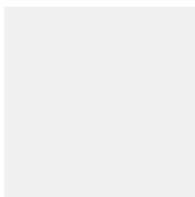
Your answer is correct.

The correct answer is: 112.5

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Sum of the digits of a 3 digit number is subtracted from the number. The resulting number is divisible by

Select one:

- ☒ a. 9
- ☐ b. Both 6 and 9
- ☐ c. All 3, 6, 9
- ☐ d. 6

Feedback

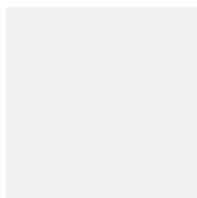
Your answer is correct.

The correct answer is: 9

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

There are 2 bags A and B. Bag A contains 6 red flowers and 3 pink flowers whereas Bag B contains 2 red flowers and 7 pink flowers. One flower is chosen from a bag randomly. What is the probability that the flower chosen is pink?

Select one:

- ☐ a. $\frac{4}{9}$
- ☐ b. $\frac{5}{4}$
- ☒ c. $\frac{5}{9}$
- ☐ d. $\frac{1}{3}$

Feedback

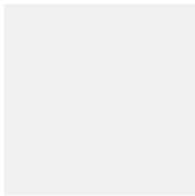
Your answer is correct.

The correct answer is: $\frac{5}{9}$

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

X and y are 2 numbers which when divided by 6 leave a remainder of 4 and 5 respectively. What will be the remainder when $y + x$ is divide by 6?

Select one:

- ☒ a. 3
- ☐ b. 1
- ☐ c. 4
- ☐ d. 2

Feedback

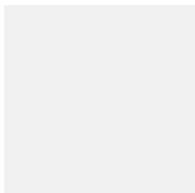
Your answer is correct.

The correct answer is: 3

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simple interest on an amount at 4% per annum for 13 months is more than the simple interest on the same sum for 8 months at 6% per annum by Rs. 40. What is the principal amount?

Select one:

- ☒ a. Rs. 12000
- ☐ b. Rs. 4800
- ☐ c. Rs. 3600
- ☐ d. Rs. 24000

Feedback

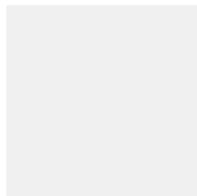
Your answer is correct.

The correct answer is: Rs. 12000

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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

Select one:

- ☐ a. 2160
- ☐ b. 120
- ☒ c. 720
- ☐ d. 4320

Feedback

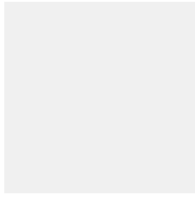
Your answer is correct.

The correct answer is: 720

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Maithili purchased a Walkman from her friend. She then sold it for Rs. 90. Had it been sold for Rs. 105, the gain would have been $\frac{1}{4}$ of the former loss. What is the cost of the Walkman?

Select one:

- ☐ a. Rs. 82
- ☐ b. Rs. 114
- ☐ c. Rs. 126
- ☒ d. Rs. 102

Feedback

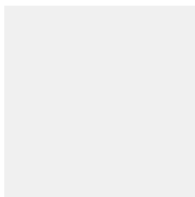
Your answer is correct.

The correct answer is: Rs. 102

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Malini solved the following question in her Mathematics examination:

$$(6/4 + 5 \frac{1}{6} \text{ of } 3/7) / (5 + 2 \frac{1}{3})$$

Select one:

- ☒ a. 39/77
- ☐ b. 27/77
- ☐ c. 41/77
- ☐ d. 20/77
- ☐ e. 19/77

Feedback

Your answer is correct.

The correct answer is: 39/77

A store has a banner of 25% off on MRP of all branded items. Sheetal goes into the store and buys a belt worth Rs. 75, a shirt of Rs. 1,999 and a shawl of Rs.2,900. How much amount will she have to pay?

Select one:

- ☐ a. Rs. 1243.5
- ☐ b. Rs. 3700
- ☐ c. Rs. 1240
- ☒ d. Rs. 3730.50

Feedback

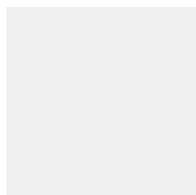
Your answer is correct.

The correct answer is: Rs. 3730.50

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the least perfect square, which is divisible by 24, 30 and 60?

Select one:

- ☐ a. 1600
- ☐ b. 32400
- ☐ c. 14400
- ☒ d. 3600

Feedback

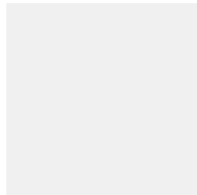
Your answer is correct.

The correct answer is: 3600

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What number should be divided by $(0.81)^{1/2}$ to give the result as 81?

Select one:

- ☐ a. 0.9
- ☐ b. 9
- ☒ c. 72.9
- ☐ d. 81

Feedback

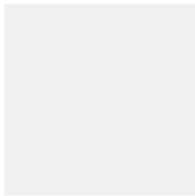
Your answer is correct.

The correct answer is: 72.9

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the value of square of $7\frac{1}{2}$?

Select one:

- ☐ a. $560\frac{1}{4}$
- ☒ b. $504\frac{1}{4}$
- ☐ c. $490\frac{1}{4}$
- ☐ d. $480\frac{1}{4}$

Feedback

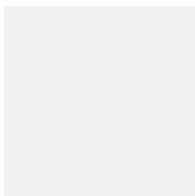
Your answer is correct.

The correct answer is: $504\frac{1}{4}$

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The number of 6-digit numbers that can be formed from 0, 1, 5, 6, 7, and 8 in which the first digit is not 0 are;

Select one:

- ☒ a. 600
- ☐ b. 120
- ☐ c. 720
- ☐ d. 800

Feedback

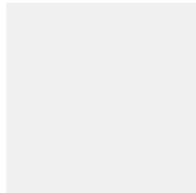
Your answer is correct.

The correct answer is: 600

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

a/b is a fraction where $a < b$. if n is added to both numerator and denominator, then which one is greater : a/b or $(a + n)/(b+n)$

Select one:

- ☒ a. $(a+n)/(b+n)$
- ☐ b. a/b
- ☐ c. Can't be determined
- ☐ d. Both are equal

Feedback

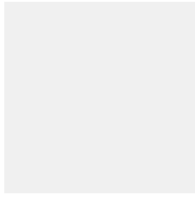
Your answer is correct.

The correct answer is: $(a+n)/(b+n)$

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An aeroplane flies along the sides of an equilateral triangle with speed of 300 km/hr. 200 km/hr, 240km/hr. the average speed of the plane while flying around the triangle is:

Select one:

- ☐ a. 275 km/hr
- ☐ b. 200 km/hr
- ☒ c. 240 km/hr
- ☐ d. 250 km/hr

Feedback

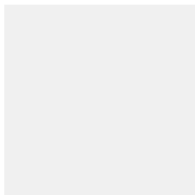
Your answer is correct.

The correct answer is: 240 km/hr

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If the difference of two numbers is 8 and the difference of their squares is 160, then the numbers are:

Select one:

- ☐ a. 18, 10
- ☐ b. 7, 15
- ☐ c. 8, 16
- ☒ d. 6, 14

Feedback

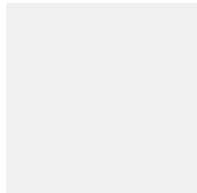
Your answer is correct.

The correct answer is: 6, 14

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Three successive discounts of 6%, 10%, 15% are equal to a single discount of

Select one:

- ☐ a. 25%
- ☒ b. 28.09%
- ☐ c. 31%
- ☐ d. 28.9%
- ☐ e. 30%

Feedback

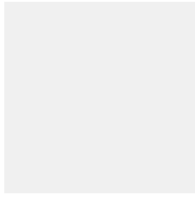
Your answer is correct.

The correct answer is: 28.09%

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a shooting competition, the probability that Rahul will hit the target is $\frac{5}{7}$ and the probability that Sheela will hit the target is $\frac{3}{4}$. What is the probability that both of them will hit the target?

Select one:

- ☐ a. $\frac{1}{5}$
- ☐ b. $\frac{20}{21}$
- ☒ c. $\frac{15}{28}$
- ☐ d. $\frac{2}{5}$

Feedback

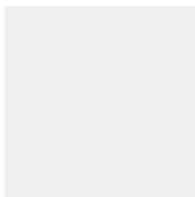
Your answer is correct.

The correct answer is: $\frac{15}{28}$

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The sum of the square of 3 numbers is 170, while the sum of their products taken two at a time is 157. What is the sum of the numbers?

Select one:

- ☒ a. 22
- ☐ b. 28
- ☐ c. 24
- ☐ d. 20

Feedback

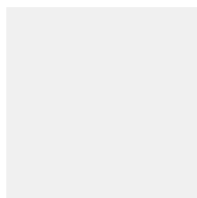
Your answer is correct.

The correct answer is: 22

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Pradeep receives an export order for garments. He has 30 machines to complete the order in 60 days. How many machines would be required to complete the job in 40 days?

Select one:

- ☐ a. 35
- ☒ b. 45
- ☐ c. 25
- ☐ d. 50

Feedback

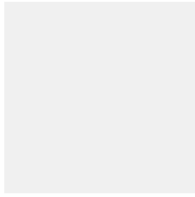
Your answer is correct.

The correct answer is: 45

Question **13**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

The product of 2 co-primes is 253. What is the LCM of these numbers?

Select one:

- ☐ a. Cannot be calculated
- ☒ b. 1
- ☐ c. Greater than 253
- ☐ d. 253

Feedback

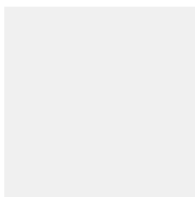
Your answer is incorrect.

The correct answer is: 253

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the least number which when divided by 5, 8 and 19 leaves remainders 2, 5 and 16 respectively?

Select one:

- ☐ a. 760

- ☒ b. 757
- ☐ c. 767
- ☐ d. 747

Feedback

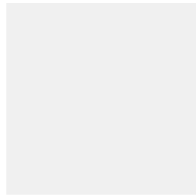
Your answer is correct.

The correct answer is: 757

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The light from a laser beam travels at a speed of 3,00,000,000 meters per second. How far can it be seen within 20 nano seconds, assuming that there is no obstruction in between? (20 nanoseconds = 20×10^{-9} seconds)

Select one:

- ☐ a. 3 m
- ☐ b. 0.6 m
- ☒ c. 6 m
- ☐ d. 20 m

Feedback

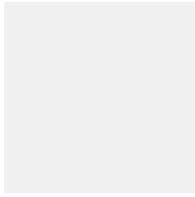
Your answer is correct.

The correct answer is: 6 m

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The tremors of the earthquake were felt at intervals of 15 seconds. The first tremor was felt at 08:54:57 am and the last tremor was felt at 10:45:12am. How many times were the tremors felt?

Select one:

- ☒ a. 441
- ☐ b. 525
- ☐ c. 484
- ☐ d. 485

Feedback

Your answer is correct.

The correct answer is: 441

What number should be divided by $(0.81)^{1/2}$ to give the result as 81?

Select one:

- ☐ a. 9
- ☐ b. 0.9
- ☒ c. 72.9
- ☐ d. 81

Feedback

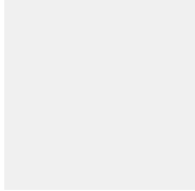
Your answer is correct.

The correct answer is: 72.9

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Sudhir goes to the market once every 64 days and Sushil goes to the same market once every 72 days. They meet each other one day. How many days later will they meet each other again?

Select one:

- ☐ a. 240
- ☐ b. 16
- ☐ c. 64
- ☒ d. 576

Feedback

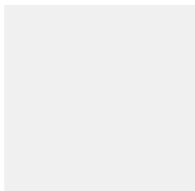
Your answer is correct.

The correct answer is: 576

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The ascending order of rational numbers $-7/10$, $-5/8$, $-2/3$ is:

Select one:

- ☐ a. $-2/3$, $-5/8$, $-7/10$
- ☐ b. $-7/10$, $-5/8$, $-2/3$
- ☒ c. $-7/10$, $-2/3$, $-5/8$
- ☐ d. $-5/8$, $-7/10$, $-2/3$

Feedback

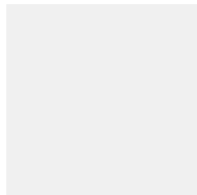
Your answer is correct.

The correct answer is: $-7/10$, $-2/3$, $-5/8$

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a mall, 20% area is occupied by eateries, 60% area is open. In the remaining area of 1600 sq meter, there are different showrooms. What is the total area occupied by the mall?

Select one:

- ☐ a. 10000
- ☒ b. 8000
- ☐ c. 4800



d. 5000

Feedback

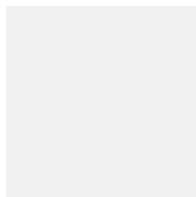
Your answer is correct.

The correct answer is: 8000

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A company decides a new identity code for all its employees. The identity code would comprise of five letter initials that can be formed using alphabets of English language such that the fifth letter is always a consonant. How many such combinations are possible?

Select one:



a. $21^3 * 26^2$



b. $26^3 * 21^2$



c. $21^4 * 26$



d. $26^4 * 21$

Feedback

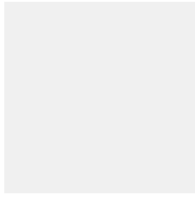
Your answer is correct.

The correct answer is: $26^4 * 21$

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a quiz competition, the host asked a question and provided three possible answers. What is the probability that the answer choice which Rohit selects for a question is wrong?

Select one:

- ☐ a. $1/3$
- ☒ b. $2/3$
- ☐ c. $1/2$
- ☐ d. ${}^3C_1 * 3/2$

Feedback

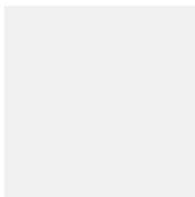
Your answer is correct.

The correct answer is:
 $2/3$

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A car engine is half filled and holds 15 litres of petrol. What fraction of the engine is full if it contains 18 litres of petrol?

Select one:

- ☐ a. $\frac{2}{5}$
- ☐ b. $\frac{2}{3}$
- ☐ c. $\frac{1}{4}$
- ☒ d. $\frac{3}{5}$

Feedback

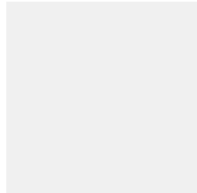
Your answer is correct.

The correct answer is:
 $\frac{3}{5}$

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A number when divided by 5 leaves remainder 2. When the square of the number is divided by 5, the remainder will be:

Select one:

- ☐ a. 1
- ☒ b. 4

- ☐ c. 2
- ☐ d. 3

Feedback

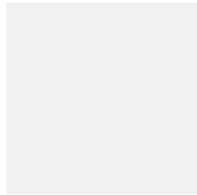
Your answer is correct.

The correct answer is: 4

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If ${}^{10}C_x = 1$, then what is the value of x if $x \neq 0$?

Select one:

- ☒ a. 10
- ☐ b. 1
- ☐ c. 15
- ☐ d. 5

Feedback

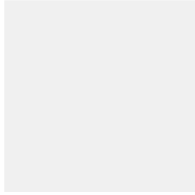
Your answer is correct.

The correct answer is: 10

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If $764xy$ is divisible by 90, then what is the value of $x + y$?

Select one:

- ☒ a. 1
- ☐ b. 6
- ☐ c. 3
- ☐ d. 5

Feedback

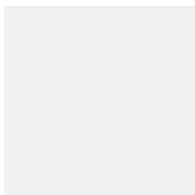
Your answer is correct.

The correct answer is: 1

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If Mini downloads three more songs in her mobile, she will have songs worth 512 MB in her mobile. If on an average each song is 4 MB, how many songs did she initially have in her phone before downloading?

Select one:

- ☐ a. 128
- ☐ b. 120
- ☒ c. 125
- ☐ d. 137

Feedback

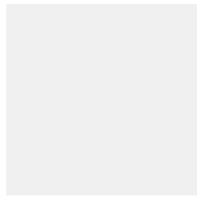
Your answer is correct.

The correct answer is: 125

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ravi has a bag full of 10 Nestle and 5 Cadbury chocolates. Out of these, he draws two chocolates. What is the probability that he would get at least one Nestle chocolate?

Select one:

- ☐ a. 12/21
- ☐ b. 3/7
- ☒ c. 19/21
- ☐ d. 1/3

Feedback

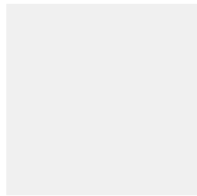
Your answer is correct.

The correct answer is: 19/21

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A large rubber cushion can be filled with air pump in 10 minutes, another pump can fill the same cushion in 12 minutes. If both the pumps operate together, how long will it take to fill the cushion?

Select one:

- ☒ a. $5 \frac{5}{11}$ min
- ☐ b. $5 \frac{6}{11}$ min
- ☐ c. $4 \frac{5}{11}$ min
- ☐ d. $6 \frac{5}{11}$ min

Feedback

Your answer is correct.

The correct answer is: $5 \frac{5}{11}$ min

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A scuba diver descends at a rate of 40 feet per minute. A diver dives from a ship to search for a lost ship at the depth of 3000 feet below sea level. How long will he take to reach the ship?

Select one:

- ☐ a. 72 min
- ☒ b. 75 min
- ☐ c. 78 min
- ☐ d. 70 min

Feedback

Your answer is correct.

The correct answer is: 75 min

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

3 empty CDs and 2 pen drives cost Rs. 790. 2 empty CDs and 3 pen drives cost Rs. 1110. What is the cost of one pen drive?

Select one:

- ☐ a. 25 rs

- ☐ b. 300 rs
- ☐ c. 30 rs
- ☒ d. 350 rs

Feedback

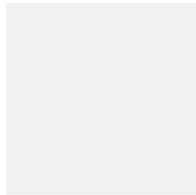
Your answer is correct.

The correct answer is: 350 rs

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Consider the following parameters:

A. A boat travels 300 metres upstream in 15 mins.

B. Its speed downstream is $\frac{8}{5}$ times its speed upstream.

Which option provides the correct relationship between speed of current and speed of the boat?

Select one:

- ☒ a. Speed of the current = $\frac{3}{13}$ times the speed of the boat
- ☐ b. Speed of the current = $\frac{12}{10}$ times the speed of the boat
- ☐ c. Speed of the current = $\frac{12}{10}$ times the speed of the boat
- ☐ d. Speed of the current = $\frac{9}{13}$ times the speed of the boat

Feedback

Your answer is correct.

The correct answer is: Speed of the current = $\frac{3}{13}$ times the speed of the boat

In a test, the student had to find the value of “x” in the expression, $4^{2x+7} = 2^{x+7}$ to qualify the second level. For what value of x that he determines will he qualify for level 2?

Select one:

- ☒ a. $-7/3$
- ☐ b. 7
- ☐ c. 4
- ☐ d. $7/3$

Feedback

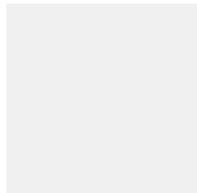
Your answer is correct.

The correct answer is: $-7/3$

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the two-third power of 64.

Select one:

- ☐ a.
A number having 4 as the sum of its digits.
- ☐ b. A number having 5 as the sum of its digits
- ☐ c.
A number having 6 as the sum of its digits.



d.

A number having 7 as the sum of its digits.

Feedback

Your answer is correct.

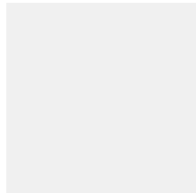
The correct answer is:

A number having 7 as the sum of its digits.

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If A rows 4 km upstream and 8 km downstream taking 2 hours each, what would be the speed of stream?

Select one:



a. 3 km/hr



b. 4 km/hr



c.

1 km/hr



d. 2 km/hr

Feedback

Your answer is correct.

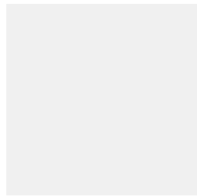
The correct answer is:

1 km/hr

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An investment increases at a rate of 25% each year, how many times will it increase in 5 years?

Select one:

- ☐ a. 5^5
- ☐ b. $(0.25)^5$
- ☒ c. $(1.25)^5$
- ☐ d. $(1.5)^5$

Feedback

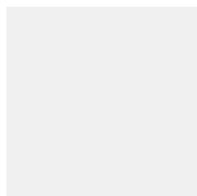
Your answer is correct.

The correct answer is: $(1.25)^5$

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If x, y, z are real numbers, find the value of $\sqrt{(x^{-1}y)} * \sqrt{(y^{-1}z)} * \sqrt{(z^{-1}x)}$.

Select one:

- ☒ a. 1
- ☐ b. xyz
- ☐ c. $1/xyz$
- ☐ d. $1/2$

Feedback

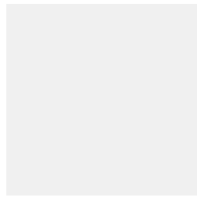
Your answer is correct.

The correct answer is: 1

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

On a scale of $1:5 \times 10^7$, two cities are 4 cm apart. What is the actual distance between them?

Select one:

- ☐ a. 1000km
- ☐ b. 4000km
- ☒ c. 2000 km
- ☐ d. 5000 km

Feedback

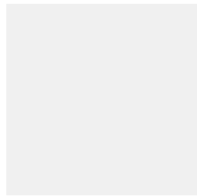
Your answer is correct.

The correct answer is: 2000 km

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A software engineer creates a LAN game where an 8 digit code made up of 1, 2, 3, 4, 5, 6, 7, 8 has to be decided on, as a universal code. How many options does he have if each number has to be used and no number can be repeated?

Select one:

- ☐ a. $8 \times {}^8C_1$
- ☐ b. ${}^8P_8 - 8$
- ☐ c. 8P_8
- ☒ d. 8C_8

Feedback

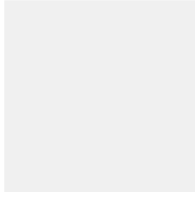
Your answer is incorrect.

The correct answer is: 8P_8

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A publishing house has 6 types of main magazines- Health, Advertising, Crime Patrol, Monthly news, Employment news and Film news. It also has 5 subsidiaries- Spirituality, Religion, Preaching, Kids Today and B-School review. The publishing house can combine any two magazines- 1 main and 1 subsidiary for subscription. How many such combinations can it create?

Select one:

- ☐ a. 15
- ☐ b. 11
- ☒ c. 30
- ☐ d. 12

Feedback

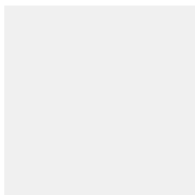
Your answer is correct.

The correct answer is: 30

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

There are 2 bags A and B. Bag A contains 4 red flowers and 3 pink flowers whereas Bag B contains 2 red flowers and 5 pink flowers. One flower is chosen from a bag randomly. What is the probability that the flower would have come from Bag A?

Select one:

- ☐ a. $\frac{4}{9}$
- ☒ b. $\frac{1}{2}$
- ☐ c. $\frac{5}{9}$
- ☐ d. $\frac{1}{3}$

Feedback

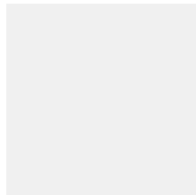
Your answer is correct.

The correct answer is: $\frac{1}{2}$

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An accountant makes a calculation error. He multiplies earnings of the company with $\frac{1}{4}$ instead of $\frac{2}{3}$ to calculate the share of one of the partners. What is the % of error in his calculation?

Select one:

- ☐ a. 66%
- ☐ b. 64%

- ☒ c. 62.5%
- ☐ d. 68%

Feedback

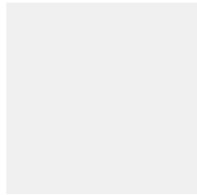
Your answer is correct.

The correct answer is: 62.5%

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

You have boarded an airplane. The rows are numbered from 1 to 30, and there are six seats per row, three on each side. Seats in each row are labelled A through F. What are your chances of sitting on a window seat?

Select one:

- ☒ a. $1/3$
- ☐ b. $1/30$
- ☐ c. $1/6$
- ☐ d. $1/2$

Feedback

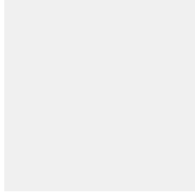
Your answer is correct.

The correct answer is: $1/3$

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How much time will it take for a principal of Rs. 5, 100 to yield Rs. 610 at 5.6% per annum (simple interest)?

Select one:

- ☐ a. 1.18 years
- ☒ b. 2.14 years
- ☐ c. 3.16 years
- ☐ d. 8.36 years

Feedback

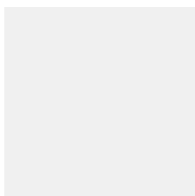
Your answer is correct.

The correct answer is: 2.14 years

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the largest 5 digit number which is exactly divisible by 113?

Select one:

- ☐ a. 99989
- ☐ b. 99997
- ☒ c. 99892
- ☐ d. 99995

Feedback

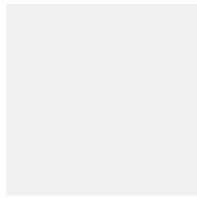
Your answer is correct.

The correct answer is: 99892

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a craft fair Rs. 45,000 worth of tickets were sold on the first day. Adult ticket cost Rs. 30 and children ticket cost Rs. 12. If 800 children tickets were sold, how many adults visited the fair on that day?

Select one:

- ☒ a. 1180
- ☐ b. 900
- ☐ c. 1000
- ☐ d. 1200

Feedback

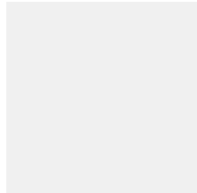
Your answer is correct.

The correct answer is: 1180

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

When an integer “a” is divided by 7, the remainder is 2. What is the remainder if $5a$ is divided by 7?

Select one:

- ☐ a. 6
- ☒ b. 3
- ☐ c. 5
- ☐ d. 2

Feedback

Your answer is correct.

The correct answer is: 3

Question **16**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

A recipe for cake needs $2\frac{1}{2}$ cups of sugar for 8 pieces. How many cups of sugar are needed for 10 pieces of cake?

Select one:

- ☒ a. 3.125
- ☐ b. 3.33
- ☐ c. 2.125
- ☐ d. 2.75

Feedback

Your answer is correct.

The correct answer is: 3.125

What is the value of 6^{-2}

Select one:

- ☐ a. -36
- ☐ b. -1/36
- ☒ c. 1/36
- ☐ d. 36

Feedback

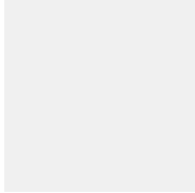
Your answer is correct.

The correct answer is: 1/36

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Steward assigns $\frac{1}{8}$ th of his monthly salary for food. Steward's total food bill for the month 6,500.what is the steward's yearly salary?

Select one:

- ☒ a. 6,24,000
- ☐ b. 12,174
- ☐ c. 5,76,000
- ☐ d. 9750

Feedback

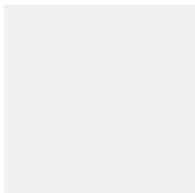
Your answer is correct.

The correct answer is: 6,24,000

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The value of $(1/512)^{1/9}$ is

Select one:

- ☐ a. $1/6$
- ☒ b. $1/2$
- ☐ c. $1/4$
- ☐ d. $1/3$

Feedback

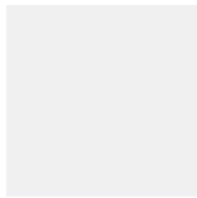
Your answer is correct.

The correct answer is: $1/2$

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Martha was supposed to multiply the number of cans sold with the price of one can to ascertain the amount earned by her. Instead of taking 41 as the number of cans ,she wrote 14 by mistake. As a result, the product went down by 135, what is the other multiplier?

Select one:

- ☐ a. 8
- ☒ b. 5
- ☐ c. 7
- ☐ d. 6

Feedback

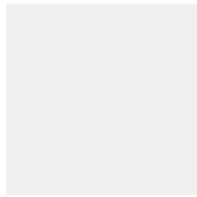
Your answer is correct.

The correct answer is: 5

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a quiz competition, the host asked a question and provided three possible answers. what is the probability that the answer choice which Rohit selects for a question wrong?

Select one:

- ☒ a. $2/3$
- ☐ b. $1/2$
- ☐ c. $1/4$
- ☐ d. $1/3$

Feedback

Your answer is correct.

The correct answer is: $2/3$

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ram and Ravi were playing with a paper phone, frustums of which are attached to each other by 95m long string. if both start moving in opposite directions at a speed of 18 m/min and 20 m/min respectively. After how many minutes will both have to stop?

Select one:

- ☐ a. 3.5 min
- ☐ b. 3 min
- ☐ c. 2 min
- ☒ d. 2.5 min

Feedback

Your answer is correct.

The correct answer is: 2.5 min

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the smallest number, which divided by 7,18,56 and 36. leaves remainder as zero?

Select one:

- ☐ a. 1012
- ☐ b. 392
- ☒ c. 504
- ☐ d. 390

Feedback

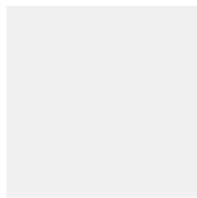
Your answer is correct.

The correct answer is: 504

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If an integer "k" is divisible by 2,5 and 13. what is the next largest number that is divisible by all the three given numbers?

Select one:

- ☐ a. $k+14$
- ☐ b. $2k$
- ☒ c. $k+130$
- ☐ d. $2k+13$

Feedback

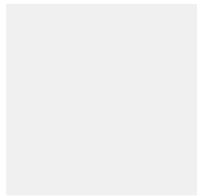
Your answer is correct.

The correct answer is: $k+130$

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ravi has a bag full of 10 Nestle and 5 Cadbury chocolates. Out of these ,he draws two chocolates . what is the probability that he would get at least one Nestle chocolate?

Select one:

- ☐ a. $1/3$
- ☐ b. $3/7$
- ☒ c. $19/21$
- ☐ d. $2/21$

Feedback

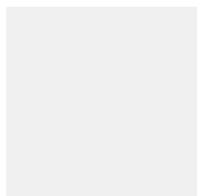
Your answer is correct.

The correct answer is: $19/21$

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A software engineer creates a LAN game where an 8 digit code made up of 1,2,3,4,5,6,7,8 has to be decided on, as a universal code .There is a condition that each number has to be used and no number can be repeated. what is the probability that first 4 digits of the code are even numbers?

Select one:

- ☐ a. $1/56$
- ☐ b. $1/840$
- ☐ c. $1/8$
- ☒ d. $1/70$

Feedback

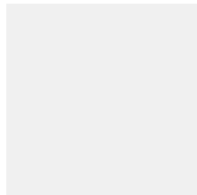
Your answer is correct.

The correct answer is: $1/70$

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The Boss accepts only one employee's leave requests for a particular day. If five employees named Ronak, Mahesh, Shripal , Mohanpriya and Shreyansh applied for leave on the occasion of Ganesh Chaturdi. what is the probability that Ronak's leave request will be approved?

Select one:

- ☐ a. $\frac{2}{3}$
- ☒ b. $\frac{1}{5}$
- ☐ c. $\frac{4}{5}$
- ☐ d. 1

Feedback

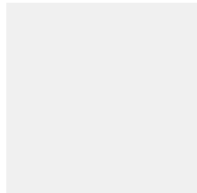
Your answer is correct.

The correct answer is: $\frac{1}{5}$

Question 12

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A scuba diver descends at a rate of 40 feet per minute. A diver from a ship to search for a lost ship at the depth of 3000 feet below sea level .How long will he take to reach t he ship?

Select one:

- ☐ a. 72 min
- ☒ b. 75 min
- ☐ c. 76 min
- ☐ d. 70 min

Feedback

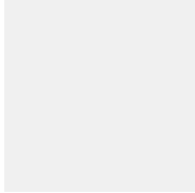
Your answer is correct.

The correct answer is: 75 min

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Rahul played well in this season .His current batting average is 51. If he scores 78 runs in today's match, his batting average will become 54. How many matches had he played in this season?

Select one:

- ☐ a. 10
- ☐ b. 6
- ☐ c. 9
- ☒ d. 8

Feedback

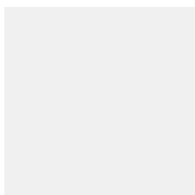
Your answer is correct.

The correct answer is: 8

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

3 empty CDs and 2 pen drives cost Rs.790. 2 empty CDs and 3 pen drives cost Rs.1110.what is the cost of one pen drive?

Select one:

- ☐ a. 25 rs
- ☐ b. 30 rs
- ☐ c. 300 rs
- ☒ d. 350 rs

Feedback

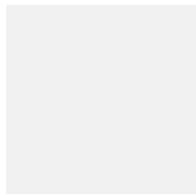
Your answer is correct.

The correct answer is: 350 rs

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Consider the following parameters:

A. A boat travels 300 meters upstream in 15 mins.

B. Its speed downstream is $\frac{8}{5}$ times its speed upstream

which option provides the correct relationship between speed of the current and speed of the boat?

Select one:

- ☐ a. Speed of the current = $9/13$ times the speed of the boat
- ☒ b. Speed of the current = $3/13$ times the speed of the boat
- ☐ c. Speed of the current = $12/10$ times the speed of the boat
- ☐ d. Speed of the current = $12/10$ times speed of the boat

Feedback

Your answer is correct.

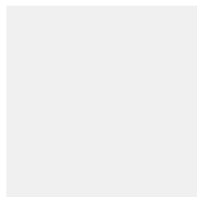
The correct answer is:

Speed of the current = $3/13$ times the speed of the boat

Question 16

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a promotional sale, a company sells a gymnasium kit consisting of a bag worth Rs.999. a towel worth Rs.299. a pair of shoes worth Rs.1999. a sipper worth Rs.199 for Rs 2999. what is the net saving for a buyer?

Select one:

- ☒ a. 497
- ☐ b. 397
- ☐ c. 457
- ☐ d. 357

Feedback

Your answer is correct.

The correct answer is: 497

6 boys can complete a piece of work in 16 hours. In how many hours will 8 boys can complete the same piece of work?

Select one:

- ☐ a. 10
- ☐ b. 8
- ☒ c. 12
- ☐ d. 14

Feedback

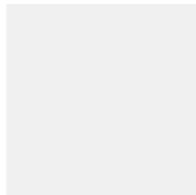
Your answer is correct.

The correct answer is: 12

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

3 men can complete a piece of work in 6 days. 5 women can complete the same work in 18 days. In how many days will 4 men and 10 women together complete the same work?

Select one:

- ☐ a. 4 days
- ☐ b. 5 days
- ☐ c. 2 days
- ☒ d. 3 days

Feedback

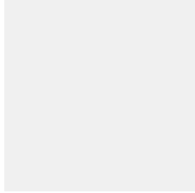
Your answer is correct.

The correct answer is: 3 days

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A can do a work in 21 days. B is 40% more efficient than A. The number of days required for B to finish the same work alone is:

Select one:

- ☐ a. 10
- ☐ b. 18
- ☒ c. 15
- ☐ d. 12

Feedback

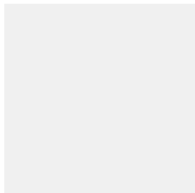
Your answer is correct.

The correct answer is: 15

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A can do a work in 12 days. With the help of B, he can do the work in 10 days. In how many days can B alone do the work?

Select one:

- ☐ a. 50 days
- ☐ b. 45 days
- ☒ c. 60 days
- ☐ d. 40 days

Feedback

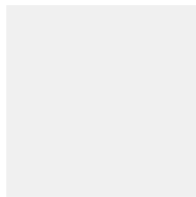
Your answer is correct.

The correct answer is: 60 days

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

8 men, 10 women and 6 boys together can complete a piece of work in 8 days. In how many days can 20 women complete the same work if 20 men can complete it in 12 days?

Select one:

- ☐ a. 7.5
- ☐ b. 6
- ☐ c. 9
- ☒ d. Can't be determined

Feedback

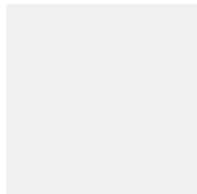
Your answer is correct.

The correct answer is: Can't be determined

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A, B and C can do a work in 7, 14 and 21 days respectively. They completed the work and got Rs. 242. What is the share of C?

Select one:

- ☐ a. Rs. 55
- ☐ b. Rs. 77
- ☒ c. Rs. 44
- ☐ d. Rs. 66

Feedback

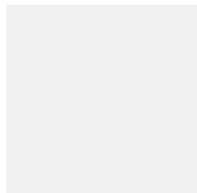
Your answer is correct.

The correct answer is: Rs. 44

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

30 men can do a job in 32 days and 40 boys in 36 days. What is the ratio between the capacities of a man and a boy?

Select one:

- ☐ a. 3 : 4
- ☒ b. 3 : 2
- ☐ c. 2 : 3
- ☐ d. 4 : 5

Feedback

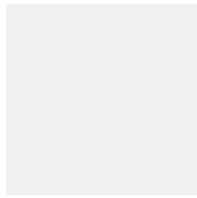
Your answer is correct.

The correct answer is: 3 : 2

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A, B and C can complete a certain work in 12, 15 and 20 days respectively. They work together and get Rs. 120 for the work. Find B's share.

Select one:

- ☐ a. Rs. 30
- ☐ b. Rs. 20
- ☒ c. Rs. 40
- ☐ d. Rs. 50

Feedback

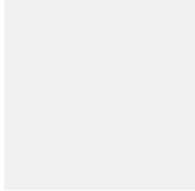
Your answer is correct.

The correct answer is: Rs. 40

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ketaki can complete a piece of work in 4 days and Meenal can complete the same piece of work in 12 days. In how many days can Ketaki and Meenal together complete the same piece of work?

Select one:

- ☐ a. 2 days
- ☐ b. 6 days
- ☒ c. 3 days
- ☐ d. 5 days

Feedback

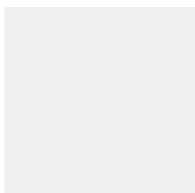
Your answer is correct.

The correct answer is: 3 days

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A is twice as good a workman as B. If B alone can do a piece of work in 30 days, in what time can A and B together complete the work?

Select one:

- ☐ a. 15 days
- ☒ b. 10 days
- ☐ c. 12 days
- ☐ d. 8 days

Feedback

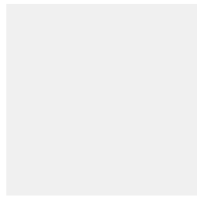
Your answer is correct.

The correct answer is: 10 days

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A hostel has provisions for 800 men for 24 days at the rate of 2 kg per man per day. For how many men are the provisions sufficient, for 20 days at the rate of 1.5 kg per man per day?

Select one:

- ☒ a. 1280
- ☐ b. 1320
- ☐ c. 1160
- ☐ d. 1360

Feedback

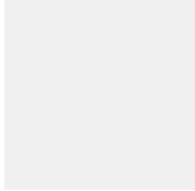
Your answer is correct.

The correct answer is: 1280

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

30 men can do a work in 24 days. In how many days can 20 men do the work, given that the time spent per day is increased by one-third of the previous time?

Select one:

- ☐ a. 30
- ☒ b. 27
- ☐ c. 32
- ☐ d. 28

Feedback

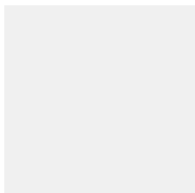
Your answer is correct.

The correct answer is: 27

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

P and Q are emptying pipes. P is five times as efficient as Q. In order to empty a tank, Q would take 48 minutes more than P. Find the time (in minutes) that both pipes working together would take to empty the tank.

Select one:

- ☐ a. 15
- ☒ b. 10
- ☐ c. 8
- ☐ d. 12

Feedback

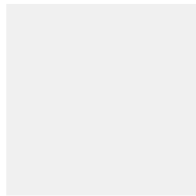
Your answer is correct.

The correct answer is: 10

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two filling pipes P1 and P2 can fill an empty tank in 24 hours and 36 hours respectively. With an emptying pipe P3 being open along with P1 and P2, it takes 18 hours to fill the empty tank. In how many hours will the emptying pipe P3 empty the full tank?

Select one:

- ☒ a. 72
- ☐ b. 63
- ☐ c. 81
- ☐ d. 54

Feedback

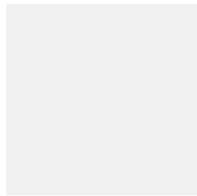
Your answer is correct.

The correct answer is: 72

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A tap can fill one-third of an empty tank in 4 hours. Another tap can empty one-fourth of the tank in 6 hours. The time taken for an empty tank to be full when both the taps are opened is

Select one:

- ☐ a. 20 hours
- ☐ b. 15 hours
- ☐ c. 12 hours
- ☒ d. 24 hours

Feedback

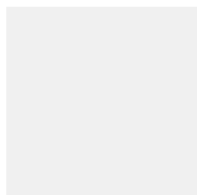
Your answer is correct.

The correct answer is: 24 hours

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

8 men working for 9 hours a day complete a piece of work in 20 days. In how many days can 7 men working for 10 hours a day complete the same piece of work?

Select one:

- ☐ a. $20 \frac{3}{4}$ days
- ☐ b. $20 \frac{1}{2}$ days
- ☒ c. $20 \frac{4}{7}$ days
- ☐ d. 21 days

Feedback

Your answer is correct.

The correct answer is: $20 \frac{4}{7}$ days

The speed of a boat in still water is 10 km/hr. It covers upstream a distance of 45 km in 6 hours. Find the speed of the stream in km/hr.

Select one:

- ☐ a. 3
- ☐ b. 3.5
- ☐ c. 4
- ☒ d. 2.5

Feedback

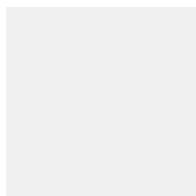
Your answer is correct.

The correct answer is: 2.5

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If a boat goes 100 km downstream in 10 hours and 75 km upstream in 15 hours, then the speed of the stream is:

Select one:

- ☐ a. 3.5 km/hr
- ☒ b. 2.5 km/hr
- ☐ c. 3 km/hr
- ☐ d. 2 km/hr

Feedback

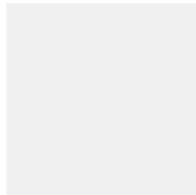
Your answer is correct.

The correct answer is: 2.5 km/hr

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train travels for 9 hours. It travelled the first half of the distance at 12 km/hr and the remaining distance at 15 km/hr. Find the distance.

Select one:

- ☒ a. 120 km
- ☐ b. 110 km
- ☐ c. 100 km
- ☐ d. 140 km

Feedback

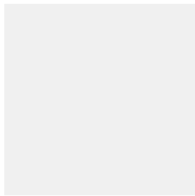
Your answer is correct.

The correct answer is: 120 km

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train travelled from station P to Q in 8 hours and come back from the station Q to P is 6 hours. What would be the ratio of the speed of the train while travelling from station P to Q to that from station Q to P?

Select one:

- ☐ a. 16 : 9
- ☐ b. 9 : 16
- ☒ c. 3 : 4
- ☐ d. 4 : 3

Feedback

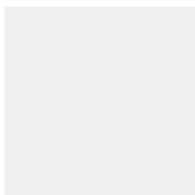
Your answer is correct.

The correct answer is: 3 : 4

Question **5**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

If downstream speed of a boat is 16 km/hr and its upstream speed is 11 km/hr. What is the speed of the stream?

Select one:

- ☐ a. 2.5 km/hr
- ☒ b. 2 km/hr
- ☐ c. 3 km/hr
- ☐ d. 1.5 km/hr

Feedback

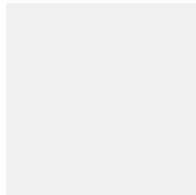
Your answer is incorrect.

The correct answer is: 2.5 km/hr

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A 480 meter long train crosses a platform in 140 seconds. What is the speed of the train?

Select one:

- ☐ a. 7 m/s
- ☒ b. Can't be determined
- ☐ c. 5 m/s
- ☐ d. 4.5 m/s

Feedback

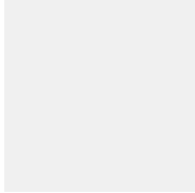
Your answer is correct.

The correct answer is: Can't be determined

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A 160 meter long train takes 8 seconds to cross a signal post. What is the speed of the train?

Select one:

- ☐ a. 96 km/hr
- ☐ b. 48 km/hr
- ☒ c. 72 km/hr
- ☐ d. 84 km/hr

Feedback

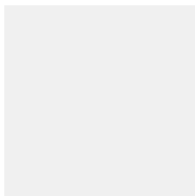
Your answer is correct.

The correct answer is: 72 km/hr

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train crossed a platform in 25 seconds. The length of the platform is 240 meters. What is the length of the train?

Select one:

- ☐ a. 140 m
- ☒ b. Can't be determined
- ☐ c. 200 m
- ☐ d. 180 m

Feedback

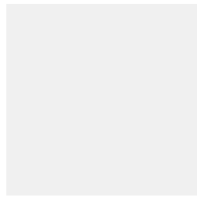
Your answer is correct.

The correct answer is: Can't be determined

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A truck covers 448 km in 8 hours. The average speed of a bicycle is $\frac{1}{4}$ th of the average speed of the truck. How much distance will the bicycle cover in 7 hours?

Select one:

- ☐ a. 92 km
- ☒ b. 98 km
- ☐ c. 95 km
- ☐ d. 96 km

Feedback

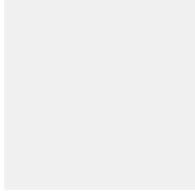
Your answer is correct.

The correct answer is: 98 km

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Sonal runs 220 meters every day. How many kilometers will she run in 3 weeks?

Select one:

- ☒ a. 4.62 km
- ☐ b. 4.42 km
- ☐ c. 6.32 km
- ☐ d. 5.62 km

Feedback

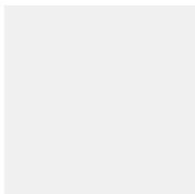
Your answer is correct.

The correct answer is: 4.62 km

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average speed of a car is two-third of the average speed of a train, which travels 270 km in 3 hours. How much distance will the car cover in 5 hours?

Select one:

- ☐ a. 420 km
- ☐ b. 180 km
- ☒ c. 300 km
- ☐ d. 360 km

Feedback

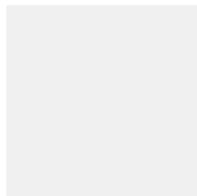
Your answer is correct.

The correct answer is: 300 km

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A car covers a distance of 576 km in 12 hours. What is the speed of the car?

Select one:

- ☒ a. 48 km/hr
- ☐ b. 46 km/hr
- ☐ c. 54 km/hr
- ☐ d. 62 km/hr

Feedback

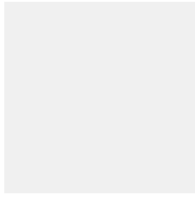
Your answer is correct.

The correct answer is: 48 km/hr

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man walked at a speed of 4 km/hr from point A to B and came back from point B to A at the speed of 6 km/hr. What would be the ratio between the time taken by man in walking from point A to B to point B to A respectively?

Select one:

- ☐ a. 4 : 3
- ☐ b. 5 : 3
- ☐ c. 2 : 1
- ☒ d. 3 : 2

Feedback

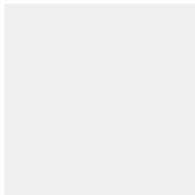
Your answer is correct.

The correct answer is: 3 : 2

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train travelling at a constant speed crosses a 400 m long platform in 40 seconds and 600 m long platform in 50 seconds. What is the length of the train?

Select one:

- ☐ a. 800 m
- ☐ b. 500 m
- ☐ c. 600 m
- ☒ d. 400 m

Feedback

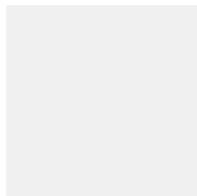
Your answer is correct.

The correct answer is: 400 m

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two trains travel in the same direction at 50 km/hr and 32 km/hr respectively. A man in the slower train observes that the faster train passes him completely in 15 seconds. Find the length of the faster train (in meters).

Select one:

- ☐ a. 150
- ☐ b. 80
- ☒ c. 75
- ☐ d. 100

Feedback

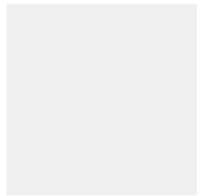
Your answer is correct.

The correct answer is: 75

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two trains of equal length take 10 seconds and 15 seconds respectively to cross a telegraph post. If the length of the each train be 120 meters, in what time (in seconds) will they cross each other travelling in opposite direction?

Select one:

- ☐ a. 15
- ☐ b. 10
- ☒ c. 12
- ☐ d. 16

Feedback

Your answer is correct.

The correct answer is: 12

Gulshan, Shakti and Om start running around a circular stadium and complete one round in 14 seconds, 8 seconds and 15 seconds respectively. In how much time will they meet again at the starting point?

Select one:

- ☐ a. 23 mins
- ☐ b. 21 mins
- ☒ c. 13 mins
- ☐ d. 14 mins

Feedback

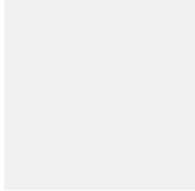
Your answer is incorrect.

The correct answer is: 14 mins

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Three friends J, K and L jog around a circular stadium and complete one round in 12, 18 and 20 seconds respectively. In how many minutes will all the three meet again at the starting point?

Select one:

- ☐ a. 8 mins
- ☐ b. 4 mins
- ☐ c. 5 mins
- ☒ d. 3 mins

Feedback

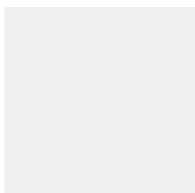
Your answer is correct.

The correct answer is: 3 mins

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A car covers the first 39 km of its journey in 45 minutes and the remaining 25 km in 35 minutes. What is the average speed of the car?

Select one:

- ☐ a. 49 km/hr
- ☒ b. 48 km/hr
- ☐ c. 40 km/hr
- ☐ d. 64 km/hr

Feedback

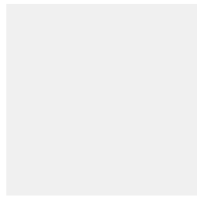
Your answer is correct.

The correct answer is: 48 km/hr

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Seema, Meena and Reema begin to jog around a circular stadium and they complete their revolutions in 54, 42 and 63 seconds respectively. After how many minutes will they come together at the starting point (approximately)?

Select one:

- ☒ a. 6 mins
- ☐ b. 3 mins
- ☐ c. 10 mins
- ☐ d. 8 mins

Feedback

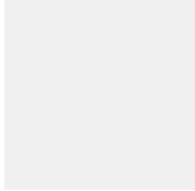
Your answer is correct.

The correct answer is: 6 mins

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two trains of lengths 137 meters and 163 meters are running with speeds of 42 km/hr and 48 km/hr respectively towards each other on parallel tracks. In how many seconds will they cross each other?

Select one:

- ☒ a. 12
- ☐ b. 30
- ☐ c. 10
- ☐ d. 24

Feedback

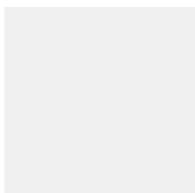
Your answer is correct.

The correct answer is: 12

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man can row 30 km downstream and return in a total of 8 hours. If the speed of the boat in still water is four times the speed of current, then the speed of the current is:

Select one:

- ☐ a. 3 km/hr
- ☒ b. 2 km/hr
- ☐ c. 4 km/hr
- ☐ d. 1 km/hr

Feedback

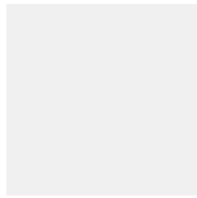
Your answer is correct.

The correct answer is: 2 km/hr

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A boat travelled from A to B and back to A from B in 5 hours. If the speed of the boat in still water and the speed of the stream is 7.5 km/hr and 1.5 km/hr respectively. Find the distance between A and B?

Select one:

- ☒ a. 18 km
- ☐ b. 17 km
- ☐ c. 16 km
- ☐ d. 10 km

Feedback

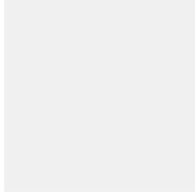
Your answer is correct.

The correct answer is: 18 km

Question 8

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train covers a distance in 24 minutes if it runs at 48 km/hr. What should be its speed if it has to cover the same distance in 16 minutes?

Select one:

- ☐ a. 85 km/hr
- ☒ b. 72 km/hr
- ☐ c. 64 km/hr
- ☐ d. 80 km/hr

Feedback

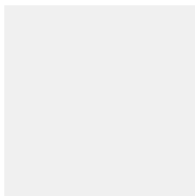
Your answer is correct.

The correct answer is: 72 km/hr

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Train – A crosses a pole in 25 seconds and another train – B crosses a pole in 1 minute 15 seconds. Length of train-A is half the length of Train-B. What is the respective ratio between the speeds of train-A and train-B?

Select one:

- ☐ a. 3 : 4
- ☒ b. 3 : 2
- ☐ c. 2 : 3
- ☐ d. 4 : 3

Feedback

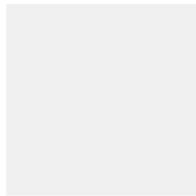
Your answer is correct.

The correct answer is: 3 : 2

Question **10**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A car covers 232 km in 4 hours. The average speed of a bike is 50% more than the average speed of the car. How much distance will the bike cover in 6 hours?

Select one:

- ☐ a. 528 km
- ☐ b. 522 km
- ☐ c. 524 km
- ☒ d. 526 km

Feedback

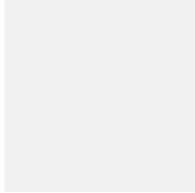
Your answer is incorrect.

The correct answer is: 522 km

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A car covers a distance of 528 km in a certain time at a speed of 66 km/hr. How much distance would a truck covers at an average speed which is 24 km/hr less than that of the speed of the car in time which is 7 hours more than that taken by the car?

Select one:

- ☐ a. 336 km
- ☐ b. 682 km
- ☒ c. 630 km
- ☐ d. 598 km

Feedback

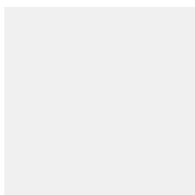
Your answer is correct.

The correct answer is: 630 km

Question **12**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Yesterday Priti typed an essay of 5000 words at the speed of 60 words per minute. Today she typed the same essay faster and her speed was 15% more than yesterday. What is the approximate difference in the time she took to type yesterday and time she took to type today?

Select one:

- ☐ a. 40 mins
- ☒ b. 30 mins
- ☐ c. 10 mins
- ☐ d. 20 mins

Feedback

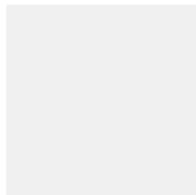
Your answer is incorrect.

The correct answer is: 10 mins

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A train crosses a pole in 15 seconds, while it crosses 100 meter long platform in 25 seconds. Find the length of the train.

Select one:

- ☒ a. 150 m
- ☐ b. 135 m
- ☐ c. 125 m
- ☐ d. 175 m

Feedback

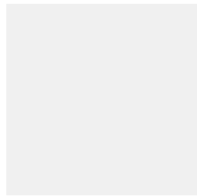
Your answer is correct.

The correct answer is: 150 m

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Speed of a boat in still water is 9 km/hr. It goes 12 km downstream and comes back to the starting point in three hours. What is the speed of water in the stream?

Select one:

- ☐ a. 4.5 km/hr
- ☐ b. 5 km/hr
- ☐ c. 4 km/hr
- ☒ d. 3 km/hr

Feedback

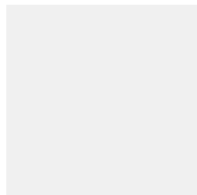
Your answer is correct.

The correct answer is: 3 km/hr

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A 280 metre long train moving with an average speed of 108 km/hr crosses a platform in 12 seconds. A man crosses the same platform in 10 seconds. What is the speed of the man in meter / second?

Select one:

- ☐ a. 10 m/s
- ☒ b. 8 m/s
- ☐ c. 5 m/s
- ☐ d. 12 m/s

Feedback

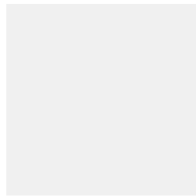
Your answer is correct.

The correct answer is: 8 m/s

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Train-A crosses a stationary train-B in 50 seconds and a pole in 20 seconds with the same speed. The length of the train-A is 240 meters. What is the length of the stationary train-B?

Select one:

- ☐ a. 200 m
- ☒ b. 360 m
- ☐ c. 300 m
- ☐ d. 260 m

Feedback

Your answer is correct.

The correct answer is: 360 m

A trader buys one kilogram of coffee at Rs. 125 and sells at Rs. 200. What is his profit percentage?

Select one:

- ☐ a. 45%
- ☐ b. 55%
- ☐ c. 50%
- ☒ d. 60%

Feedback

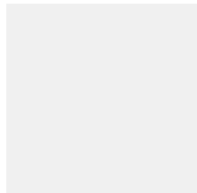
Your answer is correct.

The correct answer is: 60%

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A trader sells 85 m of cloth for Rs. 8925 at the profit of Rs. 15 per metre of cloth. What is the cost price of one metre of cloth?

Select one:

- ☒ a. 90
- ☐ b. 95
- ☐ c. 85
- ☐ d. 80

Feedback

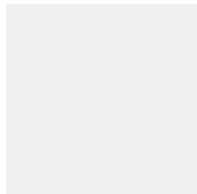
Your answer is correct.

The correct answer is: 90

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

By selling an article for Rs. 665, there is a loss of 5%. In order to make a profit of 12%, the selling price of the article must be:

Select one:

- ☐ a. 790
- ☒ b. 784
- ☐ c. 800
- ☐ d. 812

Feedback

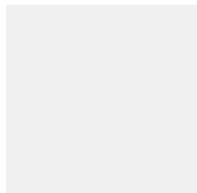
Your answer is correct.

The correct answer is: 784

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The ratio of cost price to selling price is $a : b$. If 'b' is 200% of 'a', then the percentage of profit on cost price is:

Select one:

- ☐ a. 125%
- ☒ b. 100%
- ☐ c. 200%
- ☐ d. 75%

Feedback

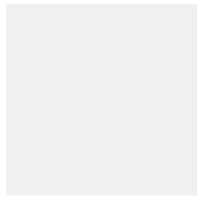
Your answer is correct.

The correct answer is: 100%

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A shopkeeper sold some articles at Rs. 45 per article and earned a profit of 20%. At what price should each article be sold so that 60% profit is earned?

Select one:

- ☐ a. 80
- ☐ b. 90
- ☒ c. 60
- ☐ d. 70

Feedback

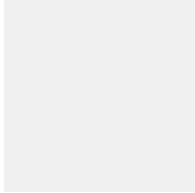
Your answer is correct.

The correct answer is: 60

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A person sells an article for Rs. 890 at a loss of 11%. What will be the price of article when sold at a profit of 10%?

Select one:

- ☐ a. 1200
- ☐ b. 1010
- ☐ c. 1150
- ☒ d. 1100

Feedback

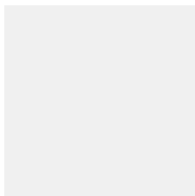
Your answer is correct.

The correct answer is: 1100

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Joel purchased 40 notebooks at the rate of Rs. 18 per notebook and 55 pencils at the rate of Rs. 8 per pencil. What is the total amount that he paid to the shopkeeper?

Select one:

- ☒ a. 1166
- ☐ b. 1161
- ☐ c. 1165
- ☐ d. 1160

Feedback

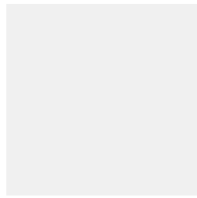
Your answer is incorrect.

The correct answer is: 1160

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Amit purchased a book with a 10% discount on the labelled price. How much did he pay if the labelled price was Rs. 600?

Select one:

- ☐ a. 440
- ☐ b. 360
- ☒ c. 540
- ☐ d. 480

Feedback

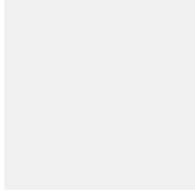
Your answer is correct.

The correct answer is: 540

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A dealer marks his goods 20% above their cost price. He then allows some discount on marked price so that he makes a profit of 10%. Find the rate of discount.

Select one:

- ☐ a. $7\frac{1}{3}\%$
- ☐ b. $9\frac{1}{3}\%$
- ☐ c. $10\frac{1}{3}\%$
- ☒ d. $8\frac{1}{3}\%$

Feedback

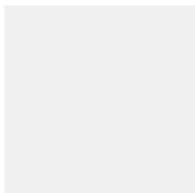
Your answer is correct.

The correct answer is: $8\frac{1}{3}\%$

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The price of a certain television set is discounted by 10% and the reduced price is then discounted by 10%. This series of successive discounts is equivalent to a single discount of

Select one:

- ☐ a. 18%
- ☐ b. 17%
- ☒ c. 19%
- ☐ d. 20%

Feedback

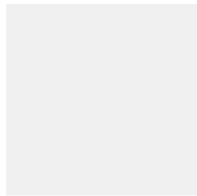
Your answer is correct.

The correct answer is: 19%

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Harshita bought 20 pens, 8 packets of wax colours, 6 calculators and 7 pencil boxes. The price of one pen is Rs. 7, one packet of wax colours is Rs. 22, one calculator is Rs. 175 and one pencil box is Rs. 14 more than the combined price of one pen and one packet of wax colours. How much amount did Harshita pay to the shopkeeper?

Select one:

- ☐ a. 1815
- ☒ b. 1667
- ☐ c. 1381
- ☐ d. 1572

Feedback

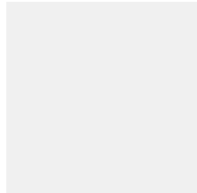
Your answer is correct.

The correct answer is: 1667

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man sold an article at a loss of 20%. If he had sold it for Rs. 50 more, he would have gained 5%. The cost price of the article was

Select one:

- ☒ a. 200
- ☐ b. 180
- ☐ c. 300
- ☐ d. 250

Feedback

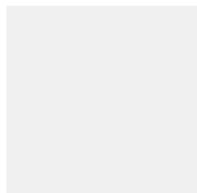
Your answer is correct.

The correct answer is: 200

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man purchased 15 pens, 12 books, 10 pencils and 5 erasers. The cost of each pen is Rs. 36, each book is Rs. 45, each pencil is Rs. 8 and the cost of each eraser is Rs. 40 less than the combined costs of pen and pencil. Find the total amount spent.

Select one:

- ☐ a. 1140
- ☐ b. 1100
- ☐ c. 1160
- ☒ d. 1180

Feedback

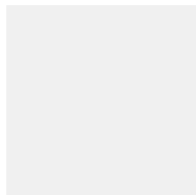
Your answer is correct.

The correct answer is: 1180

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Balu purchased some goods for Rs. 600, he sold one-third of them at 20% profit. At what profit percentage should he sell the remaining to obtain an overall profit of $33\frac{1}{3}\%$?

Select one:

- ☐ a. 25%
- ☐ b. 50%
- ☒ c. 40%
- ☐ d. 30%

Feedback

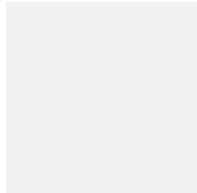
Your answer is correct.

The correct answer is: 40%

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Naresh purchased a TV set for Rs. 11250 after getting discount of 10% on the labelled price. He spent Rs. 150 on transport and Rs. 800 on installation. At what price should it be sold so that the profit earned would have been 15% if no discount was offered?

Select one:

- ☐ a. 12937.50
- ☒ b. 14030
- ☐ c. 13450
- ☐ d. 15467.50

Feedback

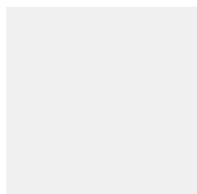
Your answer is correct.

The correct answer is: 14030

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An article purchased for Rs. 78350, its price was marked up by 30%. It was sold at a discount of 20% on the marked up price. What was the profit percent on the cost price?

Select one:

- ☐ a. 7%
- ☐ b. 3%
- ☒ c. 4%
- ☐ d. 5%

Feedback

Your answer is correct.

The correct answer is: 4%

A trader buys one kilogram of coffee at Rs. 125 and sells at Rs. 200. What is his profit percentage?

Select one:

- ☐ a. 45%
- ☐ b. 55%
- ☐ c. 50%
- ☒ d. 60%

Feedback

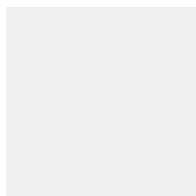
Your answer is correct.

The correct answer is: 60%

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A trader sells 85 m of cloth for Rs. 8925 at the profit of Rs. 15 per metre of cloth. What is the cost price of one metre of cloth?

Select one:

- ☒ a. 90
- ☐ b. 95
- ☐ c. 85
- ☐ d. 80

Feedback

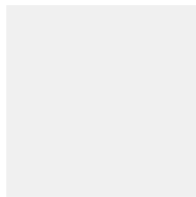
Your answer is correct.

The correct answer is: 90

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

By selling an article for Rs. 665, there is a loss of 5%. In order to make a profit of 12%, the selling price of the article must be:

Select one:

- ☐ a. 790
- ☒ b. 784
- ☐ c. 800
- ☐ d. 812

Feedback

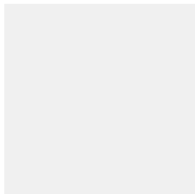
Your answer is correct.

The correct answer is: 784

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The ratio of cost price to selling price is $a : b$. If 'b' is 200% of 'a', then the percentage of profit on cost price is:

Select one:

- ☐ a. 125%
- ☒ b. 100%
- ☐ c. 200%
- ☐ d. 75%

Feedback

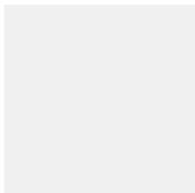
Your answer is correct.

The correct answer is: 100%

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A shopkeeper sold some articles at Rs. 45 per article and earned a profit of 20%. At what price should each article be sold so that 60% profit is earned?

Select one:

- ☐ a. 80
- ☐ b. 90
- ☒ c. 60
- ☐ d. 70

Feedback

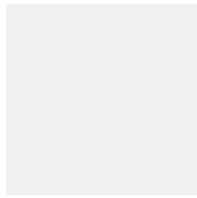
Your answer is correct.

The correct answer is: 60

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A person sells an article for Rs. 890 at a loss of 11%. What will be the price of article when sold at a profit of 10%?

Select one:

- ☐ a. 1200
- ☐ b. 1010
- ☐ c. 1150
- ☒ d. 1100

Feedback

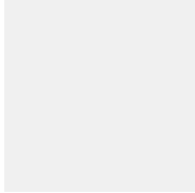
Your answer is correct.

The correct answer is: 1100

Question **7**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Joel purchased 40 notebooks at the rate of Rs. 18 per notebook and 55 pencils at the rate of Rs. 8 per pencil. What is the total amount that he paid to the shopkeeper?

Select one:

- ☒ a. 1166
- ☐ b. 1161
- ☐ c. 1165
- ☐ d. 1160

Feedback

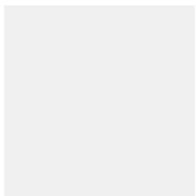
Your answer is incorrect.

The correct answer is: 1160

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Amit purchased a book with a 10% discount on the labelled price. How much did he pay if the labelled price was Rs. 600?

Select one:

- ☐ a. 440
- ☐ b. 360
- ☒ c. 540
- ☐ d. 480

Feedback

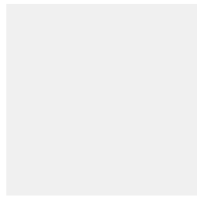
Your answer is correct.

The correct answer is: 540

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A dealer marks his goods 20% above their cost price. He then allows some discount on marked price so that he makes a profit of 10%. Find the rate of discount.

Select one:

- ☐ a. $7\frac{1}{3}\%$
- ☐ b. $9\frac{1}{3}\%$
- ☐ c. $10\frac{1}{3}\%$
- ☒ d. $8\frac{1}{3}\%$

Feedback

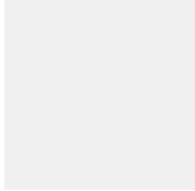
Your answer is correct.

The correct answer is: $8\frac{1}{3}\%$

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The price of a certain television set is discounted by 10% and the reduced price is then discounted by 10%. This series of successive discounts is equivalent to a single discount of

Select one:

- ☐ a. 18%
- ☐ b. 17%
- ☒ c. 19%
- ☐ d. 20%

Feedback

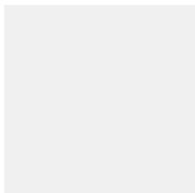
Your answer is correct.

The correct answer is: 19%

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Harshita bought 20 pens, 8 packets of wax colours, 6 calculators and 7 pencil boxes. The price of one pen is Rs. 7, one packet of wax colours is Rs. 22, one calculator is Rs. 175 and one pencil box is Rs. 14 more than the combined price of one pen and one packet of wax colours. How much amount did Harshita pay to the shopkeeper?

Select one:

- ☐ a. 1815
- ☒ b. 1667
- ☐ c. 1381
- ☐ d. 1572

Feedback

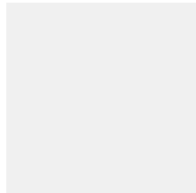
Your answer is correct.

The correct answer is: 1667

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man sold an article at a loss of 20%. If he had sold it for Rs. 50 more, he would have gained 5%. The cost price of the article was

Select one:

- ☒ a. 200
- ☐ b. 180
- ☐ c. 300
- ☐ d. 250

Feedback

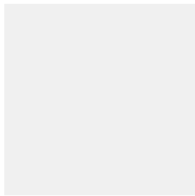
Your answer is correct.

The correct answer is: 200

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man purchased 15 pens, 12 books, 10 pencils and 5 erasers. The cost of each pen is Rs. 36, each book is Rs. 45, each pencil is Rs. 8 and the cost of each eraser is Rs. 40 less than the combined costs of pen and pencil. Find the total amount spent.

Select one:

- ☐ a. 1140
- ☐ b. 1100
- ☐ c. 1160
- ☒ d. 1180

Feedback

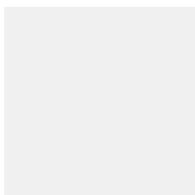
Your answer is correct.

The correct answer is: 1180

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Balu purchased some goods for Rs. 600, he sold one-third of them at 20% profit. At what profit percentage should he sell the remaining to obtain an overall profit of $33\frac{1}{3}\%$?

Select one:

- ☐ a. 25%
- ☐ b. 50%
- ☒ c. 40%
- ☐ d. 30%

Feedback

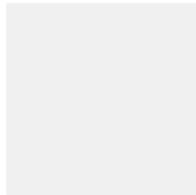
Your answer is correct.

The correct answer is: 40%

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Naresh purchased a TV set for Rs. 11250 after getting discount of 10% on the labelled price. He spent Rs. 150 on transport and Rs. 800 on installation. At what price should it be sold so that the profit earned would have been 15% if no discount was offered?

Select one:

- ☐ a. 12937.50
- ☒ b. 14030
- ☐ c. 13450
- ☐ d. 15467.50

Feedback

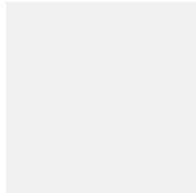
Your answer is correct.

The correct answer is: 14030

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An article purchased for Rs. 78350, its price was marked up by 30%. It was sold at a discount of 20% on the marked up price. What was the profit percent on the cost price?

Select one:

- ☐ a. 7%
- ☐ b. 3%
- ☒ c. 4%
- ☐ d. 5%

Feedback

Your answer is correct.

The correct answer is: 4%

The simple interest accrued in 8 years on a principal of Rs. 20000 is one-tenth of the principal. What is the rate of simple interest p.c.p.a.?

Select one:

- ☒ a. 1.25
- ☐ b. 2.25
- ☐ c. 1.15
- ☐ d. 2.75

Feedback

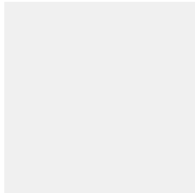
Your answer is correct.

The correct answer is: 1.25

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The difference between the simple interest and the compound interest accrued on a certain sum, in two years is Rs. 405. What is the sum if the rate of interest is 25% p.a?

Select one:

- ☒ a. 6480
- ☐ b. 6400
- ☐ c. 4600
- ☐ d. 7200

Feedback

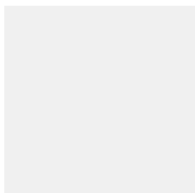
Your answer is correct.

The correct answer is: 6480

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What would be the simple interest obtained on an amount of Rs. 5760 at the rate of 6% per annum after 3 years?

Select one:

- ☐ a. 1666.80
- ☒ b. 1036.80
- ☐ c. 1063.80
- ☐ d. 1336.80

Feedback

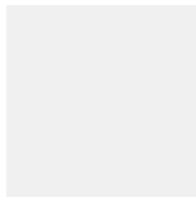
Your answer is correct.

The correct answer is: 1036.80

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The simple interest on a certain sum at a certain rate is $\frac{9}{16}$ of the sum. If the number representing rate percent and time in years are equal, then find the time.

Select one:

- ☐ a. $8\frac{1}{2}$ years
- ☐ b. 8 years
- ☒ c. $7\frac{1}{2}$ years
- ☐ d. 7 years

Feedback

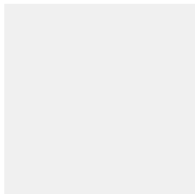
Your answer is correct.

The correct answer is: 7 1/2 years

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simple interest accrued on an amount in 8 years at the rate of 11% per annum is Rs. 57200. What was the principal amount?

Select one:

- ☐ a. 82000
- ☐ b. 75000
- ☒ c. 65000
- ☐ d. 72000

Feedback

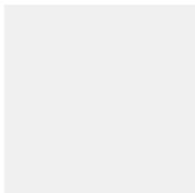
Your answer is correct.

The correct answer is: 65000

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simple interest accrued on an amount in 8 years at the rate of 12% per annum is Rs. 5520. What is the principal amount?

Select one:

- ☒ a. 5750
- ☐ b. 8250
- ☐ c. 5650
- ☐ d. 8500

Feedback

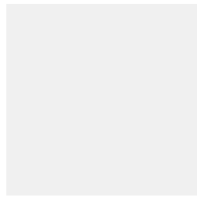
Your answer is correct.

The correct answer is: 5750

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A certain sum is invested at simple interest at 18% p.a. for two years instead of investing at 12% p.a. for the same period. Therefore the interest received is more by Rs. 840. Find the sum.

Select one:

- ☐ a. 8500
- ☒ b. 7000
- ☐ c. 7500
- ☐ d. 8000

Feedback

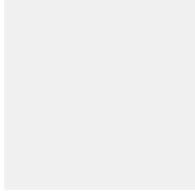
Your answer is correct.

The correct answer is: 7000

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Siva invested an amount of Rs. 7450 at the rate of 6% p.a. simple interest. After how many years will he obtain the total amount of Rs. 8791?

Select one:

- ☒ a. 3 years
- ☐ b. 2 years
- ☐ c. 6 years
- ☐ d. 5 years

Feedback

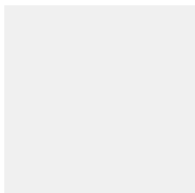
Your answer is correct.

The correct answer is: 3 years

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The difference between the simple interest received from two different sources on Rs. 1500 for 3 years is Rs. 13.50. Find the difference between their rates of interests.

Select one:

- ☐ a. 0.2%
- ☒ b. 0.3%
- ☐ c. 0.4%
- ☐ d. 0.1%

Feedback

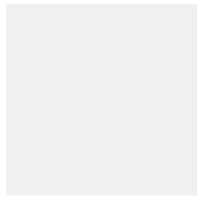
Your answer is correct.

The correct answer is: 0.3%

Question 10

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The simple interest on a certain sum of money at 4% per annum for 4 years is Rs. 19 more than interest on the same sum for 3 years at 5% per annum. Find the sum of money.

Select one:

- ☐ a. 2000
- ☐ b. 1750
- ☒ c. 1900
- ☐ d. 2050

Feedback

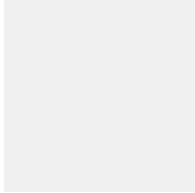
Your answer is correct.

The correct answer is: 1900

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A sum of money becomes four times itself in 9 years under simple interest. In how many years will it become 22 times itself?

Select one:

- ☐ a. 45
- ☐ b. 72
- ☒ c. 63
- ☐ d. 54

Feedback

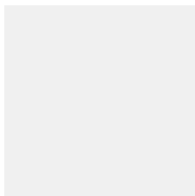
Your answer is correct.

The correct answer is: 63

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Harsha invested Rs. 17500 in a fixed deposit scheme which offers simple interest at the rate of 8% p.a. A maximum of how much money can he with draw at the end of 5 years?

Select one:

- ☒ a. 24500
- ☐ b. 25000
- ☐ c. 20000
- ☐ d. 22500

Feedback

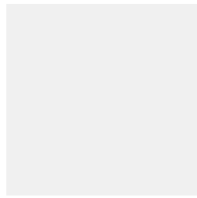
Your answer is correct.

The correct answer is: 24500

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The simple interest accrued on an amount of Rs. 22500 at the end of four years is Rs. 10800. What would be the compound interest accrued on the same amount at the same rate at the end of two years?

Select one:

- ☐ a. 14908
- ☐ b. 8568
- ☐ c. 28224
- ☒ d. 5724

Feedback

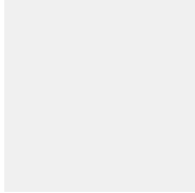
Your answer is correct.

The correct answer is: 5724

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A part of the sum of Rs. 3200 was invested at 10% per annum and the rest at 12% per annum. The whole annual interest received was Rs. 360. Find the money lent at 10% per annum.

Select one:

- ☒ a. 1200
- ☐ b. 1500
- ☐ c. 2000
- ☐ d. 1600

Feedback

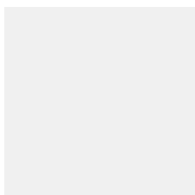
Your answer is correct.

The correct answer is: 1200

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A sum of Rs. 16800 is divided into two parts. One part is lent at the simple interest of 6% per annum and the other at 8% per annum. After two years total amount received is Rs. 19000. The sum lent at 6% of simple interest is:

Select one:

- ☐ a. 11000
- ☐ b. 12000
- ☒ c. 12200
- ☐ d. 10000

Feedback

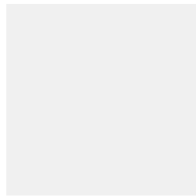
Your answer is correct.

The correct answer is: 12200

Question 16

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Amin borrowed a sum of money from Vishwas. The rate of interest for first two years is 8% p.a. for the next three years is 11% p.a. and for the period beyond 5 years 14% p.a. Vishwas got an amount of Rs. 10920 as an interest at the end of 8 years. Then what amount was borrowed by Amin?

Select one:

- ☐ a. 15000
- ☐ b. 14000
- ☒ c. 12000
- ☐ d. 13000

Feedback

Your answer is correct.

The correct answer is: 12000

In how many ways the letters of the word 'VISITING' can be rearranged?

Select one:

- ☐ a. 5720
- ☒ b. 6720
- ☐ c. 7620
- ☐ d. 720

Feedback

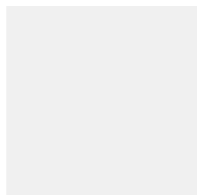
Your answer is correct.

The correct answer is: 6720

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many four digit numbers can be formed using the digits {2, 3, 5, 1, 7, 9}(repetition of digits is not allowed)?

Select one:

- ☐ a. 300
- ☒ b. 360
- ☐ c. 180
- ☐ d. 240

Feedback

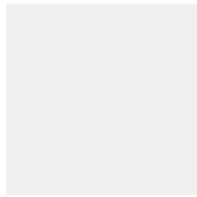
Your answer is correct.

The correct answer is: 360

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Letters of the word 'DIRECTOR' are arranged in such a way that all the vowels come together. Find out the total number of ways for making such arrangement.

Select one:

- ☒ a. 2160
- ☐ b. 2720
- ☐ c. 4320
- ☐ d. 1120

Feedback

Your answer is correct.

The correct answer is: 2160

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a group of 6 boys and 4 girls, 4 children are to be selected. In how many different ways can they be selected such that at least one boy should be there?

Select one:

- ☐ a. 159
- ☐ b. 205
- ☒ c. 209
- ☐ d. 194

Feedback

Your answer is correct.

The correct answer is: 209

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two girls and four boys are to be seated in a row in such a way that the girls do not sit together. In how many different ways can it be done?

Select one:

- ☐ a. 360

- ☒ b. 480
- ☐ c. 240
- ☐ d. 720

Feedback

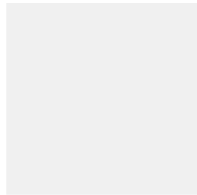
Your answer is correct.

The correct answer is: 480

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A committee of 3 members is to be formed out of 3 men and 4 women. In how many different ways can it be done, so that at least one member is a woman?

Select one:

- ☐ a. 12
- ☐ b. 30
- ☐ c. 36
- ☒ d. 34

Feedback

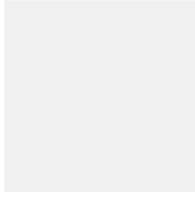
Your answer is correct.

The correct answer is: 34

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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

Select one:

- ☐ a. 1440
- ☒ b. 4320
- ☐ c. 13440
- ☐ d. 360

Feedback

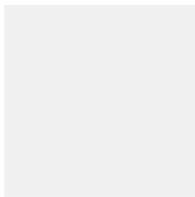
Your answer is correct.

The correct answer is: 4320

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

4 boys and 3 girls are to be seated in a row in such a way that no two boys sit adjacent to each other. In how many different ways can it be done?

Select one:

- ☐ a. 5040

- ☐ b. 72
- ☐ c. 30
- ☒ d. 144

Feedback

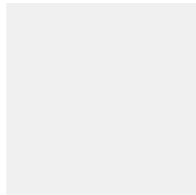
Your answer is correct.

The correct answer is: 144

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In how many different ways can the numbers '256974' be arranged, using each digit only once in each arrangement, such that the digits 6 and 5 are at the extreme ends in each arrangement?

Select one:

- ☐ a. 36
- ☐ b. 720
- ☐ c. 360
- ☒ d. 48

Feedback

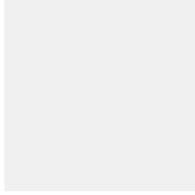
Your answer is correct.

The correct answer is: 48

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In how many ways can five boys and three girls sit in a row such that all boys sit together?

Select one:

- ☐ a. 4800
- ☒ b. 2880
- ☐ c. 1570
- ☐ d. 5760

Feedback

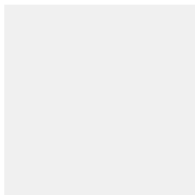
Your answer is correct.

The correct answer is: 2880

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A delegation of 5 members has to be formed from 3 ladies and 5 gentlemen. In how many ways the delegation can be formed, if 2 particular ladies are always included in the delegation?

Select one:

- ☐ a. 42
- ☐ b. 54
- ☐ c. 60
- ☒ d. 20

Feedback

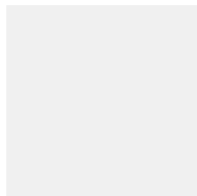
Your answer is correct.

The correct answer is: 20

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the number of ways of arranging the letters of the word 'MATERIAL' such that all the vowels in the word are to come together?

Select one:

- ☐ a. 2160
- ☒ b. 1440
- ☐ c. 1860
- ☐ d. 720

Feedback

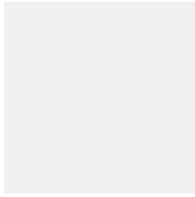
Your answer is correct.

The correct answer is: 1440

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In how many different ways can 4 boys and 3 girls be arranged in a row such that all the boys stand together and all the girls stand together?

Select one:

- ☐ a. 75
- ☐ b. 24
- ☒ c. 288
- ☐ d. 576

Feedback

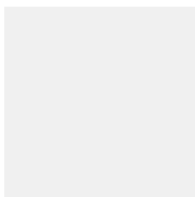
Your answer is correct.

The correct answer is: 288

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In how many different ways can the letters of the word 'GAMBLE' be arranged?

Select one:

- ☐ a. 840

- ☐ b. 360
- ☐ c. 420
- ☒ d. 720

Feedback

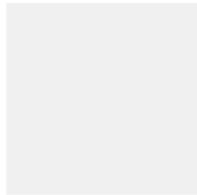
Your answer is correct.

The correct answer is: 720

Question **15**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

In how many different ways can the letters of the word 'PADDLED' be arranged?

Select one:

- ☒ a. 2520
- ☐ b. 5040
- ☐ c. 840
- ☐ d. 910

Feedback

Your answer is incorrect.

The correct answer is: 840

Question **16**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Using all the letters of the word 'NOKIA', how many words can be formed, which begin with N and ends with A?

Select one:

- ☐ a. 3
- ☒ b. 6
- ☐ c. 24
- ☐ d. 120

Feedback

Your answer is correct.

The correct answer is: 6

When two dice are thrown together, what is the probability of getting a sum of 8 or 9?

Select one:

- ☐ a. $1/6$
- ☒ b. $1/4$
- ☐ c. $1/2$
- ☐ d. $1/9$

Feedback

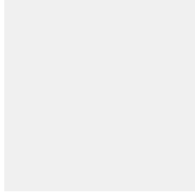
Your answer is correct.

The correct answer is: $1/4$

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Out of 5 girls and 3 boys, 4 children are to be selected randomly for a quiz contest. What is the probability that all are girls?

Select one:

- ☒ a. $1/14$
- ☐ b. $1/7$
- ☐ c. $2/17$
- ☐ d. $5/17$

Feedback

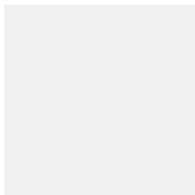
Your answer is correct.

The correct answer is: $1/14$

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains 7 blue balls and 5 yellow balls. If two balls are selected at random, what is the probability that none is yellow?

Select one:

- ☐ a. $5/33$
- ☐ b. $5/22$
- ☒ c. $7/22$
- ☐ d. $7/33$

Feedback

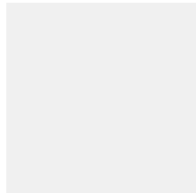
Your answer is correct.

The correct answer is: $7/22$

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If three balls are drawn at random from a bag containing 4 white, 3 red and 5 blue. What is the probability that all are of different colours?

Select one:

- ☐ a. $4/13$
- ☐ b. $4/11$
- ☒ c. $3/11$
- ☐ d. $5/13$

Feedback

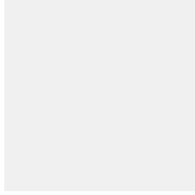
Your answer is correct.

The correct answer is: $3/11$

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Three balls are drawn at random from a bag containing 2 red, 3 green and 4 white balls. What is the probability that all the three balls are of different colours?

Select one:

- ☒ a. $2/7$
- ☐ b. $3/7$
- ☐ c. $4/7$
- ☐ d. $1/7$

Feedback

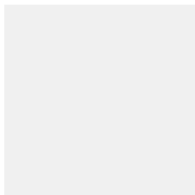
Your answer is correct.

The correct answer is: $2/7$

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the probability that a card drawn at random from a pack of 52 cards is either a king or a spade?

Select one:

- ☐ a. $13/52$
- ☒ b. $4/13$
- ☐ c. $3/13$
- ☐ d. $17/52$

Feedback

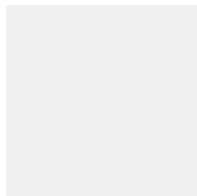
Your answer is correct.

The correct answer is: $4/13$

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If two dice are thrown together, the probability of getting an even number on one die and an odd number on the other die is:

Select one:

- ☐ a. $3/4$
- ☒ b. $1/2$
- ☐ c. $3/5$
- ☐ d. $1/4$

Feedback

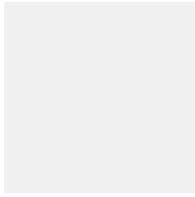
Your answer is correct.

The correct answer is: $1/2$

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains 7 green and 8 white balls. If two balls are drawn simultaneously, the probability that both are of the same colour is:

Select one:

- ☐ a. $4/15$
- ☒ b. $7/15$
- ☐ c. $11/15$
- ☐ d. $8/15$

Feedback

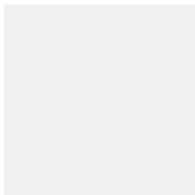
Your answer is correct.

The correct answer is: $7/15$

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

From a pack of cards two cards are drawn one after the other, with replacement. The probability that the first is a red card and the second is a king is:

Select one:

- ☐ a. 11/26
- ☐ b. 15/26
- ☒ c. 1/26
- ☐ d. 2/26

Feedback

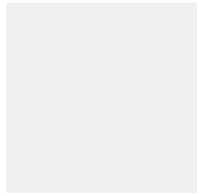
Your answer is correct.

The correct answer is: 1/26

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A die is thrown twice, what is the probability of getting sum 7 from both the throws?

Select one:

- ☐ a. 1/9
- ☐ b. 1/18
- ☒ c. 1/6
- ☐ d. 5/18

Feedback

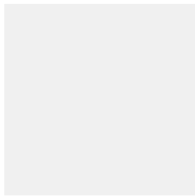
Your answer is correct.

The correct answer is: 1/6

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains 9 red, 7 white and 4 black balls. If two balls are drawn at random, find the probability that both the balls are red.

Select one:

- ☐ a. $17/95$
- ☐ b. $91/190$
- ☒ c. $18/95$
- ☐ d. $1/12$

Feedback

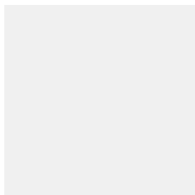
Your answer is correct.

The correct answer is: $18/95$

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains 7 red balls, 4 green balls and 5 yellow balls. What is the probability that 3 balls drawn at random are either green or yellow?

Select one:

- ☐ a. $3/40$
- ☒ b. $1/40$
- ☐ c. $4/5$
- ☐ d. $2/5$

Feedback

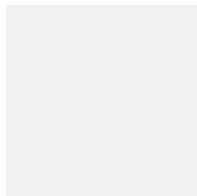
Your answer is correct.

The correct answer is: $1/40$

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If the letters of the word 'NISHANT' are arranged at random, what is the probability that the letters I and A will come together?

Select one:

- ☐ a. $5/7$
- ☒ b. $2/7$
- ☐ c. $4/7$
- ☐ d. $1/7$

Feedback

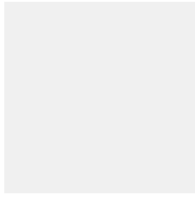
Your answer is correct.

The correct answer is: $2/7$

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A coin is tossed five times. What is the probability that there is at least one tail?

Select one:

- ☒ a. $31/32$
- ☐ b. $1/2$
- ☐ c. $1/32$
- ☐ d. $1/16$

Feedback

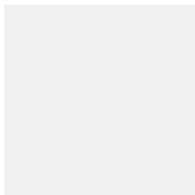
Your answer is correct.

The correct answer is: $31/32$

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a box there are 8 red, 7 blue and 6 green balls. One ball is picked up randomly, what is the probability that it is neither red nor green?

Select one:

- ☐ a. $9/21$
- ☐ b. $2/21$
- ☐ c. $2/3$
- ☒ d. $1/3$

Feedback

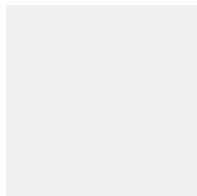
Your answer is correct.

The correct answer is: $1/3$

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

From a well-shuffled pack of 52 playing cards, one card is drawn at random. What is the probability that the card drawn will be a black king?

Select one:

- ☐ a. $3/13$
- ☐ b. $7/13$
- ☐ c. $9/13$
- ☒ d. $1/26$

Feedback

Your answer is correct.

The correct answer is: $1/26$

What sum of money will accumulate to rs.5,300 at 8% simple interest in 9 months?

Select one:

- ☒ a. 5000
- ☐ b. 4800
- ☐ c. 4500
- ☐ d. 5100

Feedback

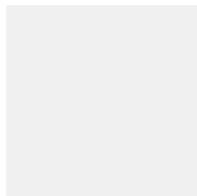
Your answer is correct.

The correct answer is: 5000

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If $892.7 - 573.07 - 95.007 = \text{"A"}$. What is the value of A?

Select one:

- ☐ a. 233.523
- ☐ b. 224.777
- ☐ c. 414.637
- ☒ d. 224.623

Feedback

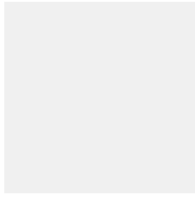
Your answer is correct.

The correct answer is: 224.623

Question **3**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Which of the following numbers is not divisible by 14?

Select one:

- ☐ a. 1998
- ☐ b. 3542
- ☒ c. 2996
- ☐ d. 2086

Feedback

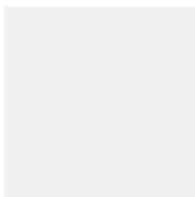
Your answer is incorrect.

The correct answer is: 1998

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A customer paid you \$600 for construction work, out of which, $\frac{3}{5}$ of the total amount was spent on the purchase of materials and $\frac{1}{5}$ of the remaining was spent on traveling. How much is left after all the deductions?

Select one:

- ☐ a. 120
- ☒ b. 192
- ☐ c. 240
- ☐ d. 190

Feedback

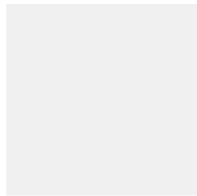
Your answer is correct.

The correct answer is: 192

Question **5**

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

A man rows a boat at a speed of 15 mph in still water. Find the speed of the river if it takes her 4 hours 30 minutes to row a boat to a place 30 miles away and return.

Select one:

- ☐ a. 20 mph
- ☒ b. 12 mph
- ☐ c. 5 mph
- ☐ d. 10 mph

Feedback

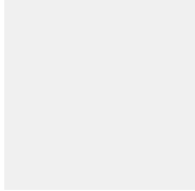
Your answer is incorrect.

The correct answer is: 5 mph

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the LCM of $147/64$ and $30/44$?

Select one:

- ☐ a. $3/704$
- ☐ b. $3/735$
- ☐ c. $735/704$
- ☒ d. $735/2$

Feedback

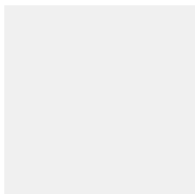
Your answer is correct.

The correct answer is: $735/2$

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average of 7 numbers is 60. The average of the first three numbers is 50, while the average of the last three is 70. What must be the remaining number?

Select one:

- ☐ a. 55
- ☒ b. 60
- ☐ c. 65
- ☐ d. 75

Feedback

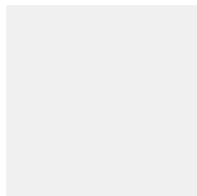
Your answer is correct.

The correct answer is: 60

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Two trains for Palwal leave Kanpur at 10 a.m and 10:30 am and travel at the speeds of 60 Kmph and 75 Kmph respectively. After how many kilometers from Kanpur will the two trains be together?

Select one:

- ☐ a. 100
- ☒ b. 150
- ☐ c. 250
- ☐ d. 200

Feedback

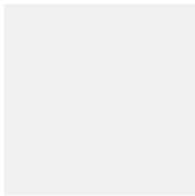
Your answer is correct.

The correct answer is: 150

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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 how many days?

Select one:

- ☒ a. 3 days
- ☐ b. 4 days
- ☐ c. 5.4 days
- ☐ d. 4.5 days

Feedback

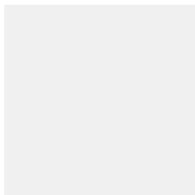
Your answer is correct.

The correct answer is: 3 days

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A mixture of 40 liters of milk and water contains 10% water. How much water should be added to this so that water may be 20% in the new mixture?

Select one:

- ☐ a. 7.5 L
- ☒ b. 5 L
- ☐ c. 4 L
- ☐ d. 6.5 L

Feedback

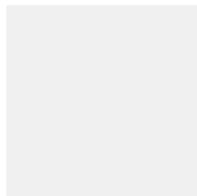
Your answer is correct.

The correct answer is: 5 L

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a 100 m race, A can beat B by 25 m and B can beat C by 4 m. In the same race, A can beat C by?

Select one:

- ☐ a. 21 m
- ☒ b. 28 m
- ☐ c. 29 m
- ☐ d. 26 m

Feedback

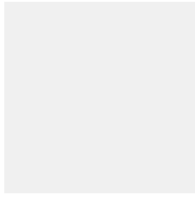
Your answer is correct.

The correct answer is: 28 m

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In an examination, 70% of students passed in physics, 65% in chemistry, 27% failed in both subjects. The percentage of students who passed is?

Select one:

- ☐ a. 66
- ☒ b. 62
- ☐ c. 69
- ☐ d. 68

Feedback

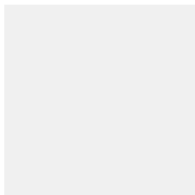
Your answer is correct.

The correct answer is: 62

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If 15 oxen or 20 cows can eat the grass of a field in 80 days, then in how many days will 6 oxen and 2 cows eat the same grass?

Select one:

- ☒ a. 160
- ☐ b. 60
- ☐ c. 100
- ☐ d. 40

Feedback

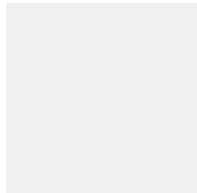
Your answer is correct.

The correct answer is: 160

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simplify $\{(3 * 2.333.... + 2)/3\} / (1/10 \text{ of } 100 + 4.8181.....)$

Select one:

- ☒ a. 33/163
- ☐ b. 297/10377
- ☐ c. 21/34
- ☐ d. 188/121

Feedback

Your answer is correct.

The correct answer is: 33/163

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A salesman has the liberty to sell a hair dryer in his store at a price between Rs. 300 and Rs. 700. Profit earned by selling the hair dryer for Rs. 650 is twice the loss incurred when it is sold for Rs. 350. What is the cost price of the hair dryer?

Select one:

- ☐ a. 350
- ☐ b. 150
- ☐ c. 550
- ☒ d. 450

Feedback

Your answer is correct.

The correct answer is: 450

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A television manufacturing company has decided to increase the sale to beat the economic slowdown. It decides to reduce the price of television sets by 25% as a result of which the sales increased by 20%. What is the effect on the total revenue of the company?

Select one:

- ☐ a. Increased by 20%
- ☐ b. Decreased by 20%
- ☐ c. Increased by 10%
- ☒ d. Decreased by 10%

Feedback

Your answer is correct.

The correct answer is: Decreased by 10%

A 280 metre long train moving with an average speed of 108 km/hr crosses a platform in 12 seconds. A man crosses the same platform in 10 seconds. What is the speed of the man in meter / second?

Select one:

- ☐ a. 12 m/s
- ☐ b. 14 m/s
- ☐ c. 10 m/s
- ☒ d. 8 m/s

Feedback

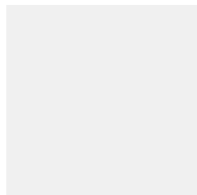
Your answer is correct.

The correct answer is: 8 m/s

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In an annual sale. There was a flat discount of 40% on all times. Komal bought a pair of jeans for Rs. 480. What is the labeled price of the pair of jeans?

Select one:

- ☒ a. 800
- ☐ b. 720
- ☐ c. 700
- ☐ d. 850

Feedback

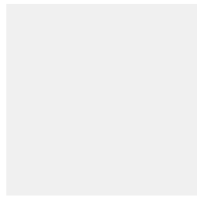
Your answer is correct.

The correct answer is: 800

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The LCM of two numbers is 35322. If the numbers are in the ratio 1:3, then their HCF is:

Select one:

- ☐ a. 23542
- ☒ b. 11774
- ☐ c. 35322
- ☐ d. 58870

Feedback

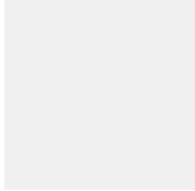
Your answer is correct.

The correct answer is: 11774

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If $abc4d$ is divisible by 4, what cannot be the value of d ?

Select one:

- ☐ a. 0
- ☐ b. 4
- ☐ c. 8
- ☒ d. 2

Feedback

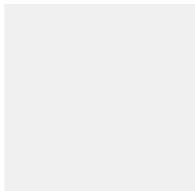
Your answer is correct.

The correct answer is: 2

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Coins of 1,2 and 5 rupees are tossed. What is the probability of getting head on the 1 rupee, tail on the 2 rupee and a head on the 5 rupee coins?

Select one:

- ☐ a. $1/16$
- ☐ b. $1/4$
- ☐ c. $1/2$
- ☒ d. $1/8$

Feedback

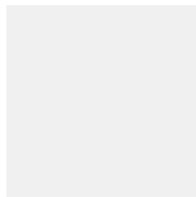
Your answer is correct.

The correct answer is: $1/8$

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A started a business with Rs. 2,70,000 and was joined by B three months afterwards. How much money did B invest if the profit share of A at the end of the year was three-fifth of the total profit?

Select one:

- ☐ a. 100000
- ☐ b. 280000
- ☒ c. 240000
- ☐ d. 270000

Feedback

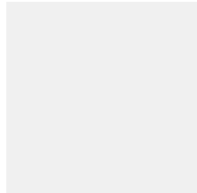
Your answer is correct.

The correct answer is: 240000

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the value of $5/7 + 6/9 + 8/11$.

Select one:

- ☐ a. $224/231$
- ☒ b. $487/231$
- ☐ c. $788/456$
- ☐ d. $223/693$

Feedback

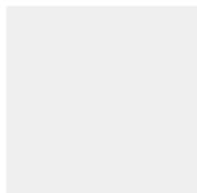
Your answer is correct.

The correct answer is: $487/231$

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What sum of money will accumulate to Rs.5,300 at 8% simple interest in 9 months?

Select one:

- ☐ a. 5400
- ☐ b. 4500
- ☒ c. 5000
- ☐ d. 4000

Feedback

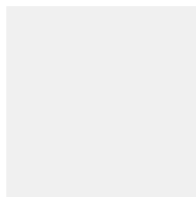
Your answer is correct.

The correct answer is: 5000

Question 9

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A quiz has one multiple choice question with answer choices A, B and C, and two true/false question. What is the probability of answering all three question correctly by guessing?

Select one:

- ☒ a. $1/12$
- ☐ b. $1/3$
- ☐ c. $1/4$
- ☐ d. $1/5$

Feedback

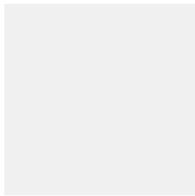
Your answer is correct.

The correct answer is: 1/12

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Choose the correct option.

What will be the value of A and B: $A8 + 96 = 1AB$

Select one:

- ☐ a. A=3, B=4
- ☐ b. Inconsistent data
- ☒ c. A=2, B=4
- ☐ d. A=4, B=2

Feedback

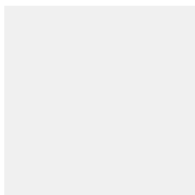
Your answer is correct.

The correct answer is: A=2, B=4

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A bag contains orange flavoured candies only. Malini takes out one candy without looking into the bag. What is the probability that she takes out an orange flavoured candy?

Select one:

- ☐ a. $1/3$
- ☐ b. 0
- ☐ c. $1/2$
- ☒ d. 1

Feedback

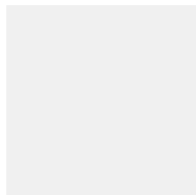
Your answer is correct.

The correct answer is: 1

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

When 2^{35} is divided by 5, the remainder is:

Select one:

- ☒ a. 3
- ☐ b. 2
- ☐ c. 4
- ☐ d. 0

Feedback

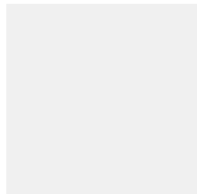
Your answer is correct.

The correct answer is: 3

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The product of two numbers is 2208. If the LCM of the numbers is 552. What is their HCF?

Select one:

- ☐ a. 12
- ☐ b. 24
- ☒ c. 4
- ☐ d. 16

Feedback

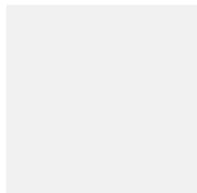
Your answer is correct.

The correct answer is: 4

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A and B together have Rs. 6300. If $\frac{5}{19}$ th of A's amount is equal to $\frac{2}{5}$ th of B's amount. The amount of 'B' is

Select one:

- ☐ a. 3800
- ☐ b. 4200
- ☒ c. 2500
- ☐ d. 2300

Feedback

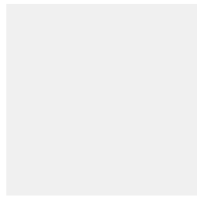
Your answer is correct.

The correct answer is: 2500

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many litres of a 90% solution of concentrated acid needs to be mixed with a 75% solution of concentrated acid to get a 30 L solution of 78% concentrated acid?

Select one:

- ☐ a. 22.5 L
- ☐ b. 17.5 L
- ☒ c. 6 L
- ☐ d. 24 L

Feedback

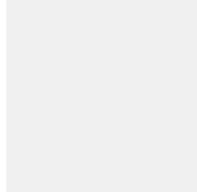
Your answer is correct.

The correct answer is: 6 L

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the remainder if 8^{25} is divided by 7?

Select one:

- ☐ a. 0
- ☐ b. 25
- ☐ c. 8
- ☒ d. 1

Feedback

Your answer is correct.

The correct answer is: 1

An air conditioner can cool the hall in 40 minutes while another takes 45 minutes to cool under similar conditions. If both air conditioners are switched on at same instance, then how long will it take to cool the room?

Select one:

- ☐ a. About 30 minutes
- ☒ b. About 22 minutes
- ☐ c. About 20 minutes
- ☐ d. About 25 minutes

Feedback

Your answer is correct.

The correct answer is: About 22 minutes

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The LCM and HCF of two numbers are 2970 and 30 respectively. Prime factors of the product of two numbers are:

Select one:

- ☒ a. 2, 3, 5, 11
- ☐ b. 2, 3, 7, 13
- ☐ c. 2, 4, 5, 11
- ☐ d. 2, 3, 7, 11

Feedback

Your answer is correct.

The correct answer is: 2, 3, 5, 11

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simplify $(\frac{3}{7} + 22\frac{4}{7} - \frac{2}{8})$ divided by $\frac{1}{4}$.

Select one:

- ☐ a. $3\frac{3}{7}$
- ☒ b. 91
- ☐ c. $3\frac{2}{7}$

☒ d. 21

Feedback

Your answer is correct.

The correct answer is: 91

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A can finish a job in 12 hours and B in 14 hours. A&B work alternatively, starting with A. if A earns Rs. 50 per hour, how much does A earn through this job? (approximately)

Select one:

☒ a. 350

☐ b. 300

☐ c. 400

☐ d. 250

Feedback

Your answer is correct.

The correct answer is: 350

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If Anita scores 66 out of hundred then how much does she score out of 75?

Select one:

- ☐ a. 45.5
- ☐ b. 56.5
- ☐ c. 60.5
- ☒ d. 49.5

Feedback

Your answer is correct.

The correct answer is: 49.5

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man bought 400 meters of cloth for Rs. 40,000 & sold it at a rate of Rs. 200 per one and a half meter. What was his percentage profit or loss?

Select one:

- ☐ a. 25% profit
- ☒ b. 33% profit
- ☐ c. 36% loss
- ☐ d. 27% loss

Feedback

Your answer is correct.

The correct answer is: 33% profit

Question **7**

Correct

Mark 1.00 out of 1.00

☐ Flag question

Question text

A bank advertises that you can double the money by investing it with them for 8 years. What is the interest rate offered by them?

Select one:

- ☐ a. 10%
- ☒ b. 12.5%
- ☐ c. 8.5%
- ☐ d. 14%

Feedback

Your answer is correct.

The correct answer is: 12.5%

Question **8**

Correct

Mark 1.00 out of 1.00

☐ Flag question

Question text

What is the value of (a, y) in $(13^{-20} - a \times 13^y) = 168 \times 13^{-22}$?

Select one:

- ☐ a. (-1, 22)
- ☐ b. (0, 1)
- ☐ c. (1, 2)
- ☒ d. (1, -22)

Feedback

Your answer is correct.

The correct answer is: (1, -22)

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the unit digit of the following sum: $1 + 2^2 + 3^3 + 4^4 + 5^5 + 6^6$?

Select one:

- ☐ a. 0
- ☐ b. 4
- ☒ c. 9
- ☐ d. 7

Feedback

Your answer is correct.

The correct answer is: 9

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A man rows a boat at a speed of 5km/hr in still water. Find the speed of a river if it takes him 1hr to row a boat to place 2.4 km away and return back.

Select one:

- ☐ a. 4 km/hr
- ☐ b. 6 km/hr
- ☒ c. 1 km/hr

☐ d. 3 km/hr

Feedback

Your answer is correct.

The correct answer is: 1 km/hr

Question **11**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A shopkeeper offers 'buy 1, get 1 free' offer on a t-shirt marked at Rs. 2,400. If after a sale, the shopkeeper earns a profit of 33.33%, then what is the actual price of the t-shirt?

Select one:

☐ a. 800

☐ b. 1200

☒ c. 900

☐ d. 1000

Feedback

Your answer is correct.

The correct answer is: 900

Question **12**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A water pump takes 6 hours to fill an over head tank, Standby pump takes 10 hours to fill the same over head tank. If first pump fails after 2 hours of running. Then how long will the standby pump take to fill the overhead tank?

Select one:

- ☐ a. 8 hours
- ☐ b. 6 hours
- ☐ c. $8 \frac{2}{3}$ hours
- ☒ d. $6 \frac{2}{3}$ hours

Feedback

Your answer is correct.

The correct answer is: $6 \frac{2}{3}$ hours

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If $2^{2n-1} = (1/8^{n-3})$ then the value of n is:

Select one:

- ☐ a. -2
- ☐ b. 3
- ☒ c. 2
- ☐ d. 0

Feedback

Your answer is correct.

The correct answer is: 2

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Shobhit bought 300 liters of milk at Rs. 19 per litre. He added 200 litres of water to it and sold 400 litres of this milk at Rs. 20 per liter. To the rest, he added 10 litres more water and then sold it for Rs. 15 per litre. If he used mineral water that costs Rs. 10 per litre. Then the total money earned by shobhit is:

Select one:

- ☐ a. 4000
- ☐ b. 4150
- ☐ c. 1800
- ☒ d. 1850

Feedback

Your answer is correct.

The correct answer is: 1850

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

An integer “X” is saved as an unsigned 8-bit number 00001011. What is X?

Select one:

- ☐ a. 15
- ☐ b. 10
- ☐ c. 22
- ☒ d. 11

Feedback

Your answer is correct.

The correct answer is: 11

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If the sum of two numbers is 27 and their HCF and LCM are 3 and 60 respectively, then the sum of the reciprocal of the two numbers is:

Select one:

- ☐ a. $1/5$
- ☒ b. $3/20$
- ☐ c. $3/10$
- ☐ d. $1/10$

Feedback

Your answer is correct.

The correct answer is: $3/20$

Save the state of the flags

Population of a village is eight thousand. If 6% men and 10% women are added, population becomes 8600, then the number of men in the village was:

Select one:

- ☐ a. 6000
- ☐ b. 4800
- ☒ c. 5000
- ☐ d. 5060

Feedback

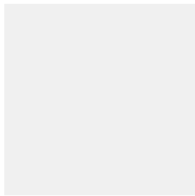
Your answer is correct.

The correct answer is: 5000

Question **2**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many zeroes are used in writing first hundred whole numbers?

Select one:

- ☒ a. 10
- ☐ b. 12
- ☐ c. 9
- ☐ d. 13

Feedback

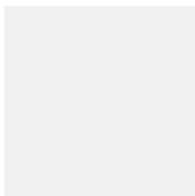
Your answer is correct.

The correct answer is: 10

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A show room offers a 10% discount on a microwave, whose marked price is Rs. 8,000, and also gives a blender worth Rs. 1,200 as a complimentary gift with it. Even then, the showroom earns a profit of 20%. The cost price per microwave is:

Select one:

- ☐ a. 6000
- ☐ b. 4000
- ☒ c. 5000
- ☐ d. 7200

Feedback

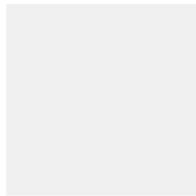
Your answer is correct.

The correct answer is: 5000

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average age of 10 members of a dance group is 12. Three members of age 9, 10 and 11 years leave the group. A year later, three new members of age 11, 12 and 13 years respectively join the group. What is the average age of the group now?

Select one:

- ☐ a. 14 years
- ☒ b. 13.3 years
- ☐ c. 11 years
- ☐ d. 12.6 years

Feedback

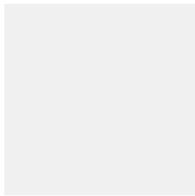
Your answer is correct.

The correct answer is: 13.3 years

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A group of women can finish a piece of work in 50days. In how many days will one-third the number of women be able to finish two-third of the work?

Select one:

- ☒ a. 100 days
- ☐ b. 150 days
- ☐ c. 75 days
- ☐ d. 50 days

Feedback

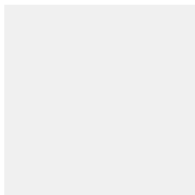
Your answer is correct.

The correct answer is: 100 days

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If we permute 5 letters of the word 'lemon' in 5! Ways. In how many words vowels do not come together?

Select one:

- ☐ a. 24
- ☐ b. 120
- ☒ c. 72
- ☐ d. 48

Feedback

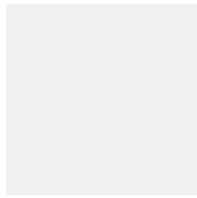
Your answer is correct.

The correct answer is: 72

Question **7**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Ronald and Elan are working on an assignment. Roland takes 6 hours to type 32 pages on a computer, while Elan takes 5 hours to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?

Select one:

- ☐ a. 8 hrs
- ☐ b. 7 hrs 30 mins
- ☐ c. 8 hrs 25 mins
- ☒ d. 8 hrs 15 mins

Feedback

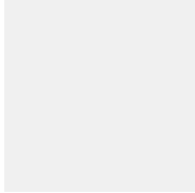
Your answer is correct.

The correct answer is: 8 hrs 15 mins

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What are the values for X&Y in 72X23Y for it to be perfectly divisible by 88?

Select one:

☐ a. $X=7$ & $Y=5$

☐ b.

$X=1$ & $Y=5$

☒

☒ c. $X=7$ & $Y=2$

☐ d. $X=3$ & $Y=2$

Feedback

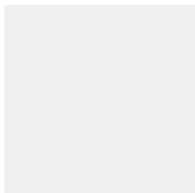
Your answer is correct.

The correct answer is: $X=7$ & $Y=2$

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Both shruti and Pooja randomly choose a colour from red, orange, and yellow. What is the probability that both choose orange?

Select one:

- ☐ a. $1/3$
- ☐ b. $1/6$
- ☒ c. $1/9$
- ☐ d. $2/3$

Feedback

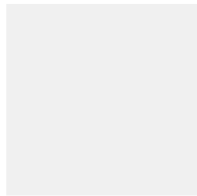
Your answer is correct.

The correct answer is: $1/9$

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

If $a=0.24$ & $b = 1.76$, then computer the following expression –

$$a^4 + 4a^3b + 6a^2b^2 + 4ab^3 + b^4$$

Select one:

- ☒ a. 16
- ☐ b. 4
- ☐ c. 1
- ☐ d. 2

Feedback

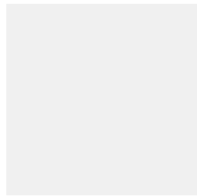
Your answer is correct.

The correct answer is: 16

Question 11

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Given that the interest is only earned on principal, if an investment of Rs. 1000.00 amounts to Rs. 1440.00 in two years, then what is the rate of interest earned?

Select one:

- ☐ a. 11%
- ☐ b. 20%
- ☐ c. 21%
- ☒ d. 22%

Feedback

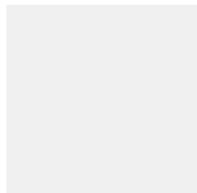
Your answer is correct.

The correct answer is: 22%

Question 12

Correct

Mark 1.00 out of 1.00



Flag question

Question text

The average age of the state level cricket team of eleven is 22 years. The average age gets increased by 1 year when the coach age is also included. What is the age of the coach?

Select one:

- ☐ a. 23
- ☒ b. 34
- ☐ c. 30
- ☐ d. 40

Feedback

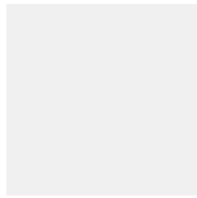
Your answer is correct.

The correct answer is: 34

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Choose the correct option.

2185 is a multiple of.

Select one:

- ☐ a. 17
- ☐ b. 21
- ☒ c. 23
- ☐ d. 25

Feedback

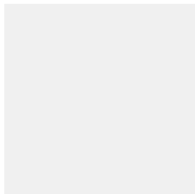
Your answer is correct.

The correct answer is: 23

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the smallest number, which when divided by 24, 30, 48 and 60, leaves a remainder 2 in each case.

Select one:

- ☐ a. 8
- ☐ b. 4
- ☐ c. 238
- ☒ d. 242

Feedback

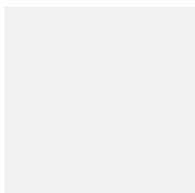
Your answer is correct.

The correct answer is: 242

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the smallest square number which is divisible by 2, 4, 5, 6 and 9?

Select one:

- ☐ a. 400
- ☐ b. 3600
- ☐ c. 180
- ☒ d. 900

Feedback

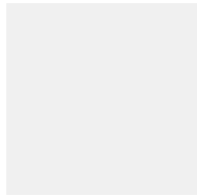
Your answer is correct.

The correct answer is: 900

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Mayank is going on a holiday trip. He wants to pack 3 t-shirts from 5 t-shirts he has. In how many ways can he make his choice?

Select one:

- ☐ a. 15
- ☐ b. 8
- ☒ c. 10
- ☐ d. 20

Feedback

Your answer is correct.

The correct answer is: 10

A number becomes a perfect square when we subtract 1 from it. Which of the given options CANNOT be the last digit of that number?

Select one:

- ☐ a. 5
- ☒ b. 4
- ☐ c. 2
- ☐ d. 0

Feedback

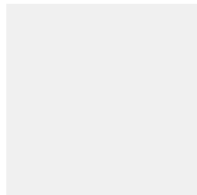
Your answer is correct.

The correct answer is: 4

Question 2

Correct

Mark 1.00 out of 1.00



Flag question

Question text

How many toffees were distributed in total among Ankit, Anket and Arjun in the ratio 2:3:7, if Anket receives 84 toffees in total?

Select one:

- ☒ a. 336
- ☐ b. 312
- ☐ c. 300
- ☐ d. 324

Feedback

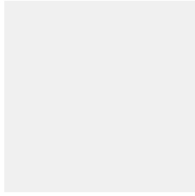
Your answer is correct.

The correct answer is: 336

Question **3**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A number is to be multiplied by the fraction $\frac{4}{5}$. But Samir, by mistake, multiplied it by $\frac{5}{4}$ and obtained the number 81 more than the correct one. What was the original number?

Select one:

- ☐ a. 240
- ☒ b. 180
- ☐ c. 200
- ☐ d. 120

Feedback

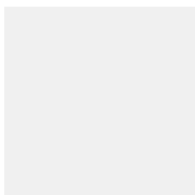
Your answer is correct.

The correct answer is: 180

Question **4**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Surekha travels 10 km to reach her office. She walks 0.5 km on foot at a speed of 8kmph to catch her chartered bus which travels at a speed of 40kmph. Time taken by her to reach the office is:

Select one:

- ☐ a. 20 mins
- ☐ b. 30 mins
- ☒ c. 18 mins
- ☐ d. 15 mins

Feedback

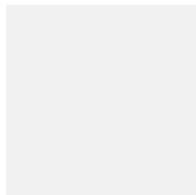
Your answer is correct.

The correct answer is: 18 mins

Question **5**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Which is better discount for customer point of view: a successive discount of 40% and 30% or a discount of flat 70%?

Select one:

- ☐ a. 40% & 30%
- ☐ b. Can't Say
- ☒ c. 70%
- ☐ d. Both are equivalent

Feedback

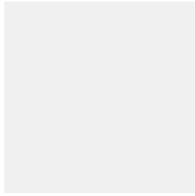
Your answer is correct.

The correct answer is: 70%

Question **6**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What is the value of i^{34} ?

Select one:

- ☐ a. 0
- ☐ b. 1
- ☐ c. i
- ☒ d. -1

Feedback

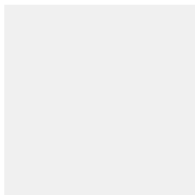
Your answer is correct.

The correct answer is: -1

Question 7

Correct

Mark 1.00 out of 1.00



Flag question

Question text

what is the least number by which 16,800 must be divided to get a number which is a perfect square?

Select one:

- ☒ a. 42

- ☐ b. 21
- ☐ c. 24
- ☐ d. 40

Feedback

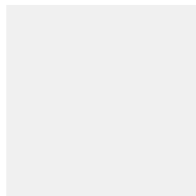
Your answer is correct.

The correct answer is: 42

Question **8**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

In a test called ACSAT, the average marks of 15 test takers is 240. If the marks of 5 test takers are subtracted, the average marks decreases by 40. What is the average marks of 5 test takers?

Select one:

- ☒ a. 320
- ☐ b. 40
- ☐ c. 200
- ☐ d. 1600

Feedback

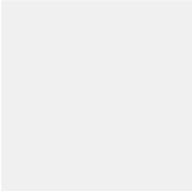
Your answer is correct.

The correct answer is: 320

Question **9**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

A long distance train is scheduled to reach its destination in 19 hours. After 10 hours of journey, due to disruption of rail traffic, the train has to be stationed for 1 hour. If the average speed of the train is 100km/hr, at what speed should it travel to cover the distance in same amount of time?

Select one:

- ☐ a. 110.5
- ☒ b. 112.5
- ☐ c. 110
- ☐ d. 112

Feedback

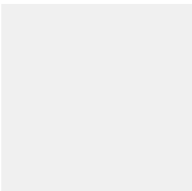
Your answer is correct.

The correct answer is: 112.5

Question **10**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Sum of the digits of a 3 digit number is subtracted from the number. The resulting number is divisible by

Select one:

- ☐ a. Both 6 and 9

- ☒ b. 9
- ☐ c. 6
- ☐ d. All 3, 6, 9

Feedback

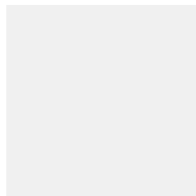
Your answer is correct.

The correct answer is: 9

Question 11

Correct

Mark 1.00 out of 1.00



Flag question

Question text

There are 2 bags A and B. Bag A contains 6 red flowers and 3 pink flowers whereas Bag B contains 2 red flowers and 7 pink flowers. One flower is chosen from a bag randomly. What is the probability that the flower chosen is pink?

Select one:

- ☐ a. $\frac{4}{9}$
- ☐ b. $\frac{5}{4}$
- ☐ c. $\frac{1}{3}$
- ☒ d. $\frac{5}{9}$

Feedback

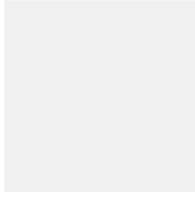
Your answer is correct.

The correct answer is: $\frac{5}{9}$

Question 12

Correct

Mark 1.00 out of 1.00



Flag question

Question text

X and y are 2 numbers which when divided by 6 leave a remainder of 4 and 5 respectively. What will be the remainder when $y + x$ is divide by 6?

Select one:

- ☐ a. 4
- ☐ b. 1
- ☒ c. 3
- ☐ d. 2

Feedback

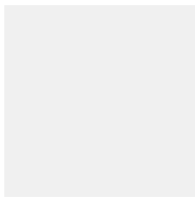
Your answer is correct.

The correct answer is: 3

Question **13**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Simple interest on an amount at 4% per annum for 13 months is more than the simple interest on the same sum for 8 months at 6% per annum by Rs. 40. What is the principal amount?

Select one:

- ☒ a. 12000
- ☐ b. 3600

- ☐ c. 24000
- ☐ d. 4800

Feedback

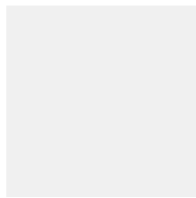
Your answer is correct.

The correct answer is: 12000

Question **14**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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

Select one:

- ☒ a. 720
- ☐ b. 4320
- ☐ c. 120
- ☐ d. 2160

Feedback

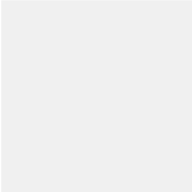
Your answer is correct.

The correct answer is: 720

Question **15**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Maithili purchased a Walkman from her friend. She then sold it for Rs. 90. Had it been sold for Rs. 105, the gain would have been $\frac{1}{4}$ of the former loss. What is the cost of the Walkman?

Select one:

- ☐ a. 114
- ☐ b. 126
- ☒ c. 102
- ☐ d. 82

Feedback

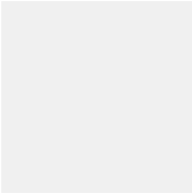
Your answer is correct.

The correct answer is: 102

Question **16**

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Malini solved the following question in her Mathematics examination:

$(\frac{6}{4} + 5\frac{1}{6} \text{ of } \frac{3}{7}) / (5 + 2\frac{1}{3})$

Select one:

- ☒ a. $\frac{39}{77}$

- ☐ b. 27/77
- ☐ c. 19/77
- ☐ d. 41/77

Feedback

Your answer is correct.

The correct answer is: 39/77

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