

<b>Started on</b>	Wednesday, 22 November 2023, 5:30 AM
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<b>Completed on</b>	Wednesday, 22 November 2023, 6:04 AM
<b>Time taken</b>	33 mins 44 secs

Question **1**

Complete

Marked out of 0.50

A milkman sells milk which contains 5% water. What quantity of pure milk (containing 5% water) so that proportion of water becomes 4%?

- ☐ a. 1.5 L
- ☐ b. 1.8 L
- ☒ c. 1 L
- ☐ d. 0.5 L

Question **2**

Complete

Marked out of 0.50

A 20% gain is made by selling the mixture of two types of paint at 480/- per kg. if the type costing 610 per kg was mixed with 126 kg of the other, how many kgs of the former was mixed?

- ☐ a. Cant be Determined
- ☒ b. 33.5 kg
- ☐ c. 34 kg
- ☐ d. 34.5 kg

Question **3**

Complete

Marked out of 0.50

Garima purchased a briefcase with an additional 10% discount on the reduced price after deducting 20% on the labelled price. If the labelled price was Rs. 1400, at what price did she purchase the briefcase?

- ☐ a. Rs 1056
- ☐ b. Rs 980
- ☐ c. Rs 1120
- ☒ d. Rs 1008

Question **4**

Complete

Marked out of 0.50

A part of sum of 10,000/- is lent at 8% and remaining sum at 10% per annum. If the average rate of interest is 9.2%, then the two parts are

- ☒ a. 4000 and 6000
- ☐ b. 6000 and 3000
- ☐ c. 6000 and 4000
- ☐ d. 3000 and 6000

Question **5**

Complete

Marked out of 0.50

In how many ways can we select 6 people out of 10, of which a particular person is not included?

- ☐ a.  $^{10}C_3$
- ☐ b.  $^9C_4$
- ☒ c.  $^9C_6$
- ☐ d.  $^9C_5$

Question **6**

Complete

Marked out of 0.50

P can complete a work in 12 days working 8 hours a day. Q can complete the same work in 8 days working 10 hours a day. If both P and Q work together, working 8 hrs a day, in how many days can they complete their work?

- ☒ a. 61/11
- ☐ b. 72/11
- ☐ c. 60/11
- ☐ d. 71/11

Question **7**

Complete

Marked out of 0.50

In a company XYZ Ltd. A certain number of engineers can develop a design in 40 days. If there were 5 more engineers, it could be finished in 10 days less. How many engineers were there in the beginning?

- ☐ a. 18
- ☒ b. 15
- ☐ c. 20
- ☐ d. 25

## Question 8

Complete

Marked out of 0.50

A woman buys milk at 8.5/- per litre and dilutes it with water. She sells the mixture at the same price and thus gains 11.11%. Find the quantity of water mixed by her in every litre of milk.

- ☐ a. 0.111 litre
- ☐ b. 1.100 litre
- ☒ c. 0.1 litre
- ☐ d. 1.110 litre

## Question 9

Complete

Marked out of 0.50

Two taps are running simultaneously to fill a tank. The first tap could have filled it in 5 hrs by itself and the second one by itself could have filled it in 20 hrs. But the operator failed to realise that there was a leak in the tank from the beginning which caused a delay of one hour in the filling of the tank. Find the time in which the leak could empty a tank.

- ☒ a. 20 hours
- ☐ b. 25 hours
- ☐ c. 40 hours
- ☐ d. 15 hour

Question **10**

Complete

Marked out of 0.50

A manufacturer makes a profit of 15% by selling a colour TV for Rs. 5750. If the cost price of manufacturing increases by 30% and the price paid by the retailer is increased by 20%. Find the profit percent made by the manufacturer.

- ☒ a. 95/13%
- ☐ b. 80/13 %
- ☐ c. 79/13%
- ☐ d. 60/13%

Question **11**

Complete

Marked out of 0.50

Iron and steel are in the ratio of 5:3 in 200gm of an alloy. How much grams of steel be added to make the ratio as 3:5?

- ☐ a. 1/200
- ☐ b. 150/3
- ☒ c. 400/3
- ☐ d. 200/3

Question **12**

Complete

Marked out of 0.50

In what portion must oil be mixed with paint so as to gain 20% by selling the mixture at cost price of the paint?(Assume Oil free available)

- ☐ a. 1:6
- ☐ b. 4.6527777777778E-02
- ☐ c. 1:4
- ☒ d. 4.5138888888889E-02

Question **13**

Complete

Marked out of 0.50

Magniloquent

- ☐ a. Intelligent
- ☒ b. Boastfull
- ☐ c. Amusing
- ☐ d. Humorous



Question **14**

Complete

Marked out of 0.50

He's been bitten\_\_\_\_\_ a dog

- ☒ a. By
- ☐ b. From
- ☐ c. At
- ☐ d. Of

Question **15**

Complete

Marked out of 0.50

A can do a piece of work in 20 days. He works at it for 5 days and then B finishes it in 10 more days. In how many days will A and B together finish the work?

- ☒ a. 6 days
- ☐ b. 10 days
- ☐ c. 12 days
- ☐ d. 8 days

Question **16**

Complete

Marked out of 0.50

A and B undertake to do a piece of work for Rs 100. A can do it in 5 days and B can do it in 10 days. With the help of C, they finish it in 2 days. How much should C be paid for his contribution?

- ☐ a. Rs 60
- ☒ b. Rs 20
- ☐ c. Rs 40
- ☐ d. Rs 30

Question **17**

Complete

Marked out of 0.50

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

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

Question **18**

Complete

Marked out of 0.50

A makes an article for Rs. 120 and sells it to B at a profit of 25%. B sells it to C who sells it for Rs. 198 making a profit of 10%. What profit percent did B make?

- ☐ a. 0.15
- ☐ b. 0.2
- ☒ c. 25%
- ☐ d. 16.66 %

Question **19**

Complete

Marked out of 0.50

Kunal bought a suitcase with 15% discount on the labelled price. He sold the suitcase for Rs. 2880 with 20% profit on the labelled price. At what price did he buy the suitcase?

- ☐ a. Rs 2400
- ☒ b. Rs 2040
- ☐ c. Rs 2604
- ☐ d. Rs 2640

Question **20**

Complete

Marked out of 0.50

A housewife saved Rs 2.50 in buying an item on sale. If she spent Rs. 25 for the item, approximately how much percent she saved in transaction?

- ☐ a. 0.09
- ☐ b. 0.11
- ☐ c. 8%
- ☒ d. 10%

Question **21**

Complete

Marked out of 0.50

If a number  $x$  is 10% less than another number  $y$  and  $y$  is 10% more than 125, then  $x$  is equal to:

- ☒ a. 123.75
- ☐ b. 150
- ☐ c. 140.55
- ☐ d. 143

Question **22**

Complete

Marked out of 0.50

A briefcase was sold at a profit of 10%. If its cost price was 5% less and it was sold for Rs. 7 more, the gain would have been 20%. Find the cost price of the briefcase.

- ☐ a. Rs 200
- ☐ b. Rs 160
- ☐ c. Rs 225
- ☒ d. Rs 175

Question **23**

Complete

Marked out of 0.50

A man sells a plot of land at 6% profit. If he had sold it at 10% profit, he would have received Rs. 200 more. What is the selling price of the land?

- ☐ a. Rs 4800
- ☐ b. Rs 5500
- ☒ c. Rs 5300
- ☐ d. Rs 5000

Question **24**

Complete

Marked out of 0.50

these talent-contests will enable the students to bring\_\_\_\_\_their best.

- ☐ a. Off
- ☐ b. Up
- ☒ c. Out
- ☐ d. In

Question **25**

Complete

Marked out of 0.50

Choose one of the following options that means the opposite of the given word; Copious:

- ☒ a. Short
- ☐ b. Abundant
- ☐ c. Reverse
- ☐ d. Scars

Question **26**

Complete

Marked out of 0.50

In an examination, 80% students passed in Physics, 70% in Chemistry while 15% failed in both the subjects. If 325 students passed in both subjects, find the total number of students who appeared in the examination

- ☐ a. 500
- ☐ b. 400
- ☒ c. 300
- ☐ d. 600

Question **27**

Complete

Marked out of 0.50

A milkman sells milk which contains 5% water. What quantity of pure milk (containing 5% water) so that proportion of water becomes 4%?

- ☐ a. 1.5 L
- ☐ b. 0.5 L
- ☒ c. 1 L
- ☐ d. 1.8 L

Question **28**

Complete

Marked out of 0.50

Janet had always been afraid \_\_\_ flying.

- ☐ a. For
- ☒ b. Of
- ☐ c. From
- ☐ d. To

Question **29**

Complete

Marked out of 0.50

Find the proportion in which 4 types of tea priced at 40/-, 50/-, 80/- and 100/- be mixed so as to obtain a mixture worth 75/- per kg?

- ☐ a. 5:1::5:7
- ☐ b. 5:1::7:8
- ☐ c. 5:1::5:8
- ☒ d. 5:7::5:8



Question **30**

Complete

Marked out of 0.50

A and B undertake to do a piece of work for Rs 100. A can do it in 5 days and B can do it in 10 days. With the help of C, they finish it in 2 days. How much should C be paid for his contribution?

- ☒ a. Rs 20
- ☐ b. Rs 60
- ☐ c. Rs 30
- ☐ d. Rs 40

Question **31**

Complete

Marked out of 0.50

A takes twice as much time as B or thrice as much time to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:

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

Question **32**

Complete

Marked out of 0.50

A can do a piece of work in 20 days. He works at it for 5 days and then B finishes it in 10 more days. In how many days will A and B together finish the work?

- ☐ a. 10 days
- ☐ b. 8 days
- ☒ c. 6 days
- ☐ d. 12 days

Question **33**

Complete

Marked out of 0.50

Subhash can copy 50 pages in 10 hours, Subhash and Prakash together can copy 300 pages in 40 hours. In how much time can Prakash can copy 30 pages?

- ☒ a. 12 hour
- ☐ b. 11 hours
- ☐ c. 9 hours
- ☐ d. 13 hours

Question **34**

Complete

Marked out of 0.50

A 20% gain is made by selling the mixture of two types of paint at 480/- per kg. if the type costing 610 per kg was mixed with 126 kg of the other, how many kgs of the former was mixed?

- ☒ a. 33.5 kg
- ☐ b. 34.5 kg
- ☐ c. Cant be Determined
- ☐ d. 34 kg

Question **35**

Complete

Marked out of 0.50

If  $nPr = 3024$  and  $nCr = 126$  then find  $n$  and  $r$ .

- ☐ a. 10,3
- ☐ b. 11,4
- ☒ c. 9,4
- ☐ d. 12,4

Question **36**

Complete

Marked out of 0.50

Vicissitude

- ☒ a. Changes
- ☐ b. Sorrows
- ☐ c. Surprises
- ☐ d. Misfortunes

Question **37**

Complete

Marked out of 0.50

Ashok bought an article and spent Rs. 1100 on its repairs. He then sold it to Bhushan at a profit of 20%. Bhushan sold it to Charan at a loss of 10%. Charan finally sold it for Rs. 1188 at a profit of 10%. How much did Ashok pay for the article?

- ☐ a. Rs 890
- ☐ b. Rs 840
- ☒ c. Rs 780
- ☐ d. Rs 1000

Question **38**

Complete

Marked out of 0.50

There are 20 points in a plane, how many triangles can be formed by these points if 5 are colinear?

- ☐ a. 1140
- ☐ b. 1130
- ☐ c. 1129
- ☒ d. 550

Question **39**

Complete

Marked out of 0.50

Garrulity

- ☐ a. Cruciousness
- ☐ b. Speciousness
- ☐ c. Credulity
- ☒ d. Loquaciousness

Question **40**

Complete

Marked out of 0.50

\_\_\_\_\_ resigned, we would have been forced to sack him

- ☐ a. He had not
- ☐ b. He not had
- ☒ c. Had he not
- ☐ d. Had'nt He

Question **41**

Complete

Marked out of 0.50

A man mixes red paint with green paint so that the mixture contains 10% red paint. In a mixture of 40litres paint how many litres red paint should be added so that the mixture contains 20% of red paint.

- ☐ a. 3.5 L
- ☐ b. 5 L
- ☐ c. 5.5 L
- ☒ d. 4L

Question **42**

Complete

Marked out of 0.50

Subhash can copy 50 pags in 10 hours, Subhash and Prakash together can copy 300 pages in 40 hours. In how much time can Prakash can copy 30 pages?

- ☒ a. 12 hour
- ☐ b. 9 hours
- ☐ c. 11 hours
- ☐ d. 13 hours

Question **43**

Complete

Marked out of 0.50

The rice sold by a grocer contained 10% low quality rice. What quantity of good quality rice should be added to 150 kgs of rice so that percentage of low quality rice becomes 5%?

- ☐ a. 160 kg
- ☐ b. 145 kg
- ☒ c. 150 kg
- ☐ d. 155 kg

Question **44**

Complete

Marked out of 0.50

A woman buys milk at 8.5/- per litre and dilutes it with water. She sells the mixture at the same price and thus gains 11.11%. Find the quantity of water mixed by her in every litre of milk.

- ☐ a. 1.100 litre
- ☐ b. 1.110 litre
- ☐ c. 0.111 litre
- ☒ d. 0.1 litre

Question **45**

Complete

Marked out of 0.50

Pandemonium

- ☐ a. Big Crowd
- ☐ b. Great Joy
- ☒ c. Utter Confusion
- ☐ d. Loud Noise



Question **46**

Complete

Marked out of 0.50

A committee has 5 men and 6 women. What are the number of ways of selecting 2 men and 3 women from the given committee?

- ☐ a. 150
- ☒ b. 200
- ☐ c. 250
- ☐ d. 300

Question **47**

Complete

Marked out of 0.50

If  $nPr = 3024$  and  $nCr = 126$  then find  $n$  and  $r$ .

- ☐ a. 10,3
- ☐ b. 11,4
- ☐ c. 12,4
- ☒ d. 9,4

Question **48**

Complete

Marked out of 0.50

A can do a piece of work in 5 days, but with the help of his son, he can do it in 3 days. In what time can the son do it alone?

- ☒ a.  $15/2$  days
- ☐ b. 8 days
- ☐ c.  $13/2$  days
- ☐ d. 7 days

Question **49**

Complete

Marked out of 0.50

The rice sold by a grocer contained 10% low quality rice. What quantity of good quality rice should be added to 150 kgs of rice so that percentage of low quality rice becomes 5%?

- ☐ a. 160 kg
- ☒ b. 150 kg
- ☐ c. 155 kg
- ☐ d. 145 kg

Question **50**

Complete

Marked out of 0.50

Two-fifth of one-third of three seventh of a number is 15. What is the 40% of that number?

- ☐ a. 136
- ☐ b. 72
- ☒ c. None of These
- ☐ d. 84

Question **51**

Complete

Marked out of 0.50

In what portion must oil be mixed with paint so as to gain 20% by selling the mixture at cost price of the paint?(Assume Oil free available)

- ☐ a. 1:6
- ☐ b. 1:4
- ☒ c. 4.51388888888889E-02
- ☐ d. 4.65277777777778E-02

Question **52**

Complete

Marked out of 0.50

In order to maintain the price line, a trader allows a discount of 10% on the marked price on goods in his shop. However, he still makes a profit of 17% on the cost price. Find the profit percent he would have made on the selling price had he sold at marked price.

- ☐ a. 21.21%
- ☒ b. 23.07%
- ☐ c. 0.25
- ☐ d. 0.3

Question **53**

Complete

Marked out of 0.50

A man mixes red paint with green paint so that the mixture contains 10% red paint. In a mixture of 40 litres paint, how many litres red paint should be added so that the mixture contains 20% of red paint.

- ☐ a. 3.5 L
- ☐ b. 5 L
- ☒ c. 4L
- ☐ d. 5.5 L

Question **54**

Complete

Marked out of 0.50

Find the number of rectangles and squares in an 8 by 8 chess board respectively.

- ☐ a. 1092204
- ☒ b. 204,1092
- ☐ c. 2041296
- ☐ d. 296,204

Question **55**

Complete

Marked out of 0.50

A product when sold with 10% rebate on the listed price give a profit of Rs. 70. What was its cost price?

- ☐ a. Rs 700
- ☐ b. Rs 200
- ☐ c. Rs 350
- ☒ d. Cant be Determined

Question **56**

Complete

Marked out of 0.50

In a colony, there are 55 members. Every member posts a greeting card to all the members. How many greeting cards were posted by them?

- ☐ a. 1980
- ☐ b. 890
- ☐ c. 990
- ☒ d. 2970

Question **57**

Complete

Marked out of 0.50

The number of arrangements that can be made with the letters of the word MEADOWS so that the vowels occupy the even places?

- ☐ a. 36
- ☒ b. 144
- ☐ c. 720
- ☐ d. 120

Question **58**

Complete

Marked out of 0.50

Peter bought an item at 20% discount on its original price. He sold it with 40% increase on the price he bought it. The new sale price is by what percent more than the original price?

- ☐ a. 7.5
- ☐ b. 8
- ☐ c. 10
- ☒ d. 12

Question **59**

Complete

Marked out of 0.50

Find the number of ways of arranging the letters of the words DANGER, so that no vowel occupies odd place.

- ☒ a. 48
- ☐ b. 36
- ☐ c. 96
- ☐ d. 144

Question **60**

Complete

Marked out of 0.50

Baba alone can do a piece of work in 10 days. Anshu alone can do it in 15 days. If the total wages for the work is Rs. 50. How much should Baba be paid if they work together for the entire duration of the work?

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

