

Subject

Quants

English

Q. In the certain examination, 77% candidate passed in English and 34% failed in Mathematics. If 1 in both the subjects and 784 candidates passed on both the subjects, then the total number of candidates was :

- (a) 1400
- (b) 1600
- (c) 1800
- (d) 1200

incorrect

Your Ans : b

Correct Ans : a

Time (Secs) : 0

★ Bookmark

Q. In an election between two candidates, 75% of the voters cast their votes, out of which 2% votes declared invalid. A candidate got 9261 votes which were 75% of the valid votes. The total number of voters enrolled in that election was.

- (a) 16000
- (b) 16400
- (c) 16800
- (d) 18000

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 0

★ Bookmark

Q. In an assembly election, a candidates got 55% of the total valid votes. 2% of the total votes were invalid. If the total number of voters is 104000, then the number of valid votes polled in favour of the candidate is :

- (a) 56506
- (b) 56650
- (c) 56560
- (d) 56056

incorrect

Your Ans : c

Correct Ans : d

Time (Secs) : 0

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Q. A dealer offers a cash discount of 20% and still makes a profit of 20% he further allows 16 articles to a dozen to a particularly sticky bargainer. How much per cent above the cost price were his wares listed?

- (a) 100%
- (b) 70%
- (c) 78%
- (d) 90%

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

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Q. The cost of 80% concentrated milk is 16 rupees/ltr. Whereas the cost of 60% concentrated milk is 13 rupees/ltr. If a person purchases 80% concentrated milk and mixes water (which is free of cost) in it to make it 60% concentrated milk, then by selling this milk how much profit he can make?

- (a) 8.33%
- (b) 10%
- (c) 16.66%
- (d) 20%

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

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Q. If 30% of P is added to 40% of Q, the answer is 80% of Q. What percentage of P is Q?

- (a) 30%
- (b) 40%
- (c) 70%

(d) 75%

Solution

correct

Your Ans : d

Correct Ans : d

Time (Secs) : 0

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Q. Each edge of a cube is increased by 40%. Find the percentage increase in the surface area of the cube.

(a) 90%

(b) 80%

(c) 96%

(d) 88%

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 0

★ Bookmark

Q. The population of a town increases from 60,000 to 65,000 then the percentage increase is?

(a) $8\frac{1}{3}\%$

(b) $7\frac{2}{5}\%$

(c) $3\frac{1}{8}\%$

(d) $11\frac{1}{9}\%$

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

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Q. If the length of a rectangle is increased by 30% and its breadth is decreased by 20%. Then what is the change in its area?

(a) 10 % increase

(b) 4 % increase

(c) 10% decrease

(d) 4% decrease

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 0

★ Bookmark

- Q. How many more question would Sujal have needed to answer correctly to earn a 60% passing grade? Sujal's Mathematics test had 75 problems i.e. 10 arithmetic, 30 algebra and 35 geometry problems. Although he answered 70% of the arithmetic, 40% of the algebra and 60% of the geometry problems correctly, he did not pass the test because he got less than 60% of the problems right.
- (a) 5
(b) 6
(c) 4
(d) 8

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

★ Bookmark

- Q. The flight fare between two cities is increased in the ratio by 20% and then decrease by 25%. What is the final (in Rs) fare, if the original fare was Rs. 24,000?
- (a) 22000
(b) 23600
(c) 21600
(d) 20000

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 0

★ Bookmark

- Q. In an examination, A got 10% marks less than B; B got 25% marks more than C and C got 20% less than D. If A got 360 marks out of 500, the percentage of marks obtained by D was .
- (a) 60%
(b) 20%
(c) 80%
(d) 40%

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 0

★ Bookmark

- Q. 20% of a businessmen income is paid as rent, 60% are his living expenses and 10% are his savings. He spends remaining 90 on the education of his children, find his income-
- (a) 900
 - (b) 300
 - (c) 1800
 - (d) 450

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

★ Bookmark

- Q. What was the effect on the total revenue when the price of a product was decreased by 10%, and the sale increased by 30%
- (a) 20%
 - (b) 23%
 - (c) 13%
 - (d) 17%

incorrect

Your Ans : c

Correct Ans : d

Time (Secs) : 0

★ Bookmark

- Q. price of sugar increases by 24%. A family reduces its consumption so that the expenditure of the family is up by 8% only. If the total consumption of sugar before the price was 10 kg per month, then the consumption of sugar per month at present (in kg)-
- (a) 8.7 kg
 - (b) 10 kg
 - (c) 6.3 kg
 - (d) 7 kg

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

★ Bookmark

- Q. Due to an increase of 20% in the price of eggs, 2 eggs less are available for Rs.24. The present rate per dozen is :
- (a) Rs. 25.00
 - (b) Rs. 26.20
 - (c) Rs. 27.80
 - (d) Rs. 28.80

incorrect

Your Ans : c

Correct Ans : d

Time (Secs) : 0

★ Bookmark

- Q. Find the quantity of poha that is bought at Rs 25 per kg, as Misha bought 20 kg poha for Rs 30 per kg, 10 kg poha for Rs 35 per kg and $(k + 4)$ kg poha for Rs 25 per kg. She mixed all type of poha together and the average cost price of 1 kg poha is Rs 29.6.
- (a) 21
 - (b) 15
 - (c) 18
 - (d) None of these

incorrect

Your Ans : c

Correct Ans : d

Time (Secs) : 0

★ Bookmark

- Q. Out of a number of electronic items, a person purchases 60% colour televisions. 5% of these were found to be defective. The percentage of defective televisions out of all is-
- (a) 3%
 - (b) 6%
 - (c) 5%
 - (d) 12%

incorrect

Your Ans : d

Correct Ans : a

Time (Secs) : 0

★ Bookmark

Q. In an office, the number of employees reduces in the ratio of 3: 2 and wages increases in the ratio of 20: 27, What is the profit percentage of employer over the previous wages?

- (a) 8%
- (b) 12%
- (c) 10%
- (d) 15%

incorrect

Your Ans : b

Correct Ans : c

Time (Secs) : 0

★ Bookmark

Q. A bag contains Rs. 600 in the form of one rupee, 50 paise and 25 paise coins in the ratio of 3: 4: 1. total value (in Rs.) of the 25 paise coins present in the bag.

- (a) Rs. 75
- (b) Rs. 900
- (c) Rs. 225
- (d) Rs. 300

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 0

★ Bookmark

Q. What is the total amount that Komal spends on house hold expenses in 8 months together when she spends 25% of her monthly income on household expenses and her annual income is Rs. 4.32 lakhs?

- (a) 84000
- (b) 82300
- (c) 78900
- (d) 72000

incorrect

Your Ans : c

Correct Ans : d

Time (Secs) : 0

★ Bookmark

Q. 20 is 0.05% of ?

- (a) 10000
- (b) 40000

- (c) 50000
(d) 25000

Solution

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 0

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Q. Rakesh's expenditure and savings are in the ratio 7 : 3. His income increased by 20%. If his saving also increases by 12%, by how much percentage his expenditure increases?

- (a) 23.42%
(b) 28.65%
(c) 25.35%
(d) 22.65%

incorrect

Your Ans : b

Correct Ans : a

Time (Secs) : 0

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Q. In an examination 80% of the candidates passed in English and 70% in Mathematics, while 15% failed in both subjects. If 195 candidates passed in both, find the total number of candidates.

- (a) 250
(b) 300
(c) 325
(d) 275

incorrect

Your Ans : c

Correct Ans : b

Time (Secs) : 0

★ Bookmark

Q. In an election between two candidates, one got 70% of the total valid votes, 30% of the votes were invalid. If the total number of votes was 5900, the number of valid votes that the winner candidate got, was

- (a) 2891
(b) 2901
(c) 3000
(d) 3181

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 0

★ Bookmark

Q. The ratio of boys and girls in a school is 4 : 3. If 40% of boys and 60% of girls play badminton, the percentage of the students who do not play badminton.

- (a) 51%
- (b) 64%
- (c) 67%
- (d) 72%

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 0

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Q. A man swims from a point P against the current for 12 minutes and reaches at point Q. Then he swims back downstream for next 8 minutes and reaches again at point P. The speed of the current is what percentage of the speed of the swimmer in still water?

- (a) 30%
- (b) $33\frac{1}{3}\%$
- (c) 20%
- (d) 25%

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 0

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Q. Arpit's salary is 50% more than Bhuvan's. How much percent is Bhuvan's salary less than Arpit's?

- (a) 33.33%
- (b) 38.33%
- (c) 66.66%
- (d) 35%

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

★ Bookmark

Q. In the certain examination, 77% candidates passed in English and 34% failed in Mathematics. If 11% of the candidates failed in both the subjects and 784 candidates passed in both the subjects, then the total number of candidates was :

(a) 1400
(b) 1600
(c) 1800
(d) 1200

incorrect

Your Ans : b

Correct Ans : a

Time (Secs) : 0

★ Bookmark

Q. In a sports club, if 42% of the members do not play badminton, 52% of the members do not play tennis and 17% of members do not play both the games. Then find the percentage of members who play both the games.

(a) 23%
(b) 25%
(c) 15%
(d) 83%

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 0

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