

IBPS CLERK EXAM SPECIAL

QUICK REVISION

SIMPLIFICATION

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Ques No.	Question
1	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>In a group of 70 people, 37 like coffee, 52 like tea and each person likes at least one of the two drinks. How many people like both coffee and tea?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
2	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>$\frac{1}{10}$ of a pole is coloured, $\frac{1}{20}$ white, $\frac{1}{30}$ blue, $\frac{1}{40}$ black, $\frac{1}{50}$ violet, $\frac{1}{60}$ yellow and the rest is green. If the length of green area of pole is 12.08 m, then find the length of pole.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
3	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>The highest score in an inning was $\frac{3}{1}$ of the total and the next highest was $\frac{3}{11}$ of the remainder. If the scores differed by 9, the total score was.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>


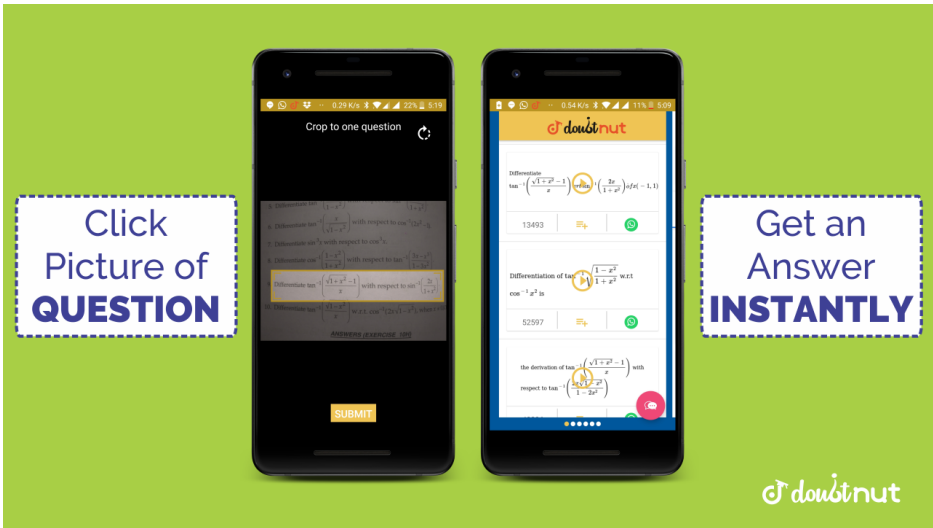


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4	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>A farmer divides his herd of x cows among his 4 son's such that first son gets one-half of the herd, the second son gets one fourth, the third son gets one-fifth and the fourth son gets 7 cows, then the value of x is:</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
5	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>A person on the tour has Rs 360 on the expenses . If he extends his tour for 4 days ; he has to cut down the daily expenses by Rs 3 . Find the original duration of the tour.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
6	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>Find the value of: $\frac{1}{30} + \frac{1}{42} + \frac{1}{56} + \frac{1}{72} + \frac{1}{90} + \frac{1}{110}$.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
7	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>A man spends $\frac{2}{5}$ of his salary on house rent, $\frac{3}{10}$ of his salary on food and $\frac{1}{8}$ of his salary on conveyance. If he has Rs 1400 left with him, find his expenditure on food and conveyance.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
8	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>The cost of 15 kg of sugar is Rs 255, the cost of 17 kg of tea is RS 1615 and the cost of 22 kg of rice is Rs 572. What is the total cost of 18 kg of sugar, 21 kg of tea and 27 kg of rice?</p>

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A zoo keeper counted the heads of the animals in a zoo and found it to be 80. When he counted the legs of the animals he found it to be 260. If the zoo had either pigeons or horses, how many horses were there in the zoo?

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An executive goes on a business trip. His daily schedule has a definite pattern. If he is busy with a meeting in the morning, he is free in the afternoon. When he returns, he realises that he attended 15 meetings altogether. There were 12 free mornings and 13 free afternoons. What was the duration of his trip?

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The bus fare for one person is Rs 420 from Agra to Aligarh and the train fare between the same places for one person is equal to three-fourths the bus fare for two persons between the same places. What is the total fare paid by 3 persons travelling by bus and 4 persons travelling by train between the two places? (a) Rs 3360 (b) Rs 3406 (c) Rs 3440 (d) Rs 3460 (e) None of these

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A man earns Rs 20 on the first day and spends Rs 15 on the next day. He again earns Rs 20 on the third day and spends Rs 15 on the fourth day. If he continues to save like this, how soon will he have Rs 60 in hand? (a) On 17th Day (b) On 27th day (c) On 30th day (d) On 40th Day

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74 is divided into two parts so that 5 times one part and 11 times the other part are together equal to 454. The parts are (a) 14, 60 (b) 60, 14 (c) 30, 44 (d) 44, 30

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At a certain fast food restaurant, Brian can buy 3 burgers, 7 shakes and one order of fries for Rs 120 exactly. At the same place, it would cost Rs 164.50 for 4 burgers, 10 shakes and one order of fries. How much would it cost for an ordinary meal of one burger, one shake and one fries? (a) Rs 21 (b) Rs 31 (c) Rs 41 (d) Cannot be determined

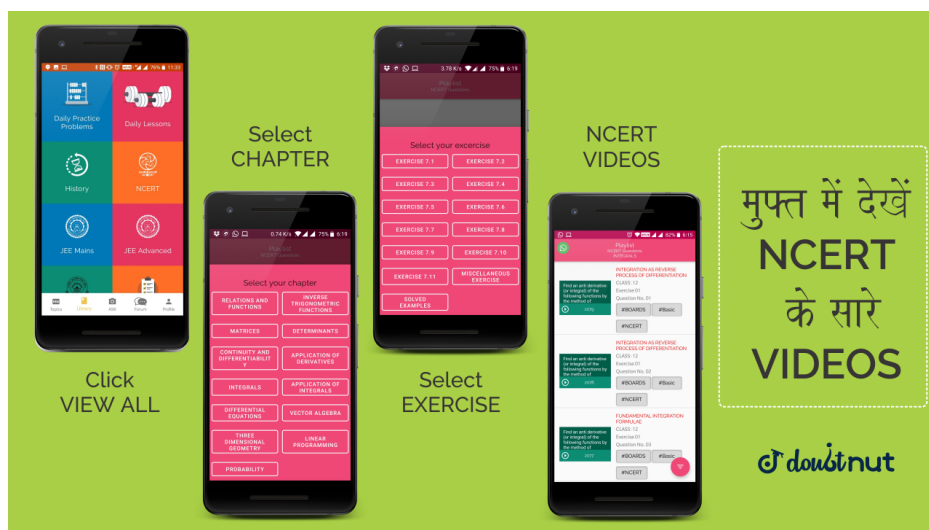
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$\left(1\frac{1}{2} + 11\frac{1}{2} + 111\frac{1}{2} + 1111\frac{1}{2}\right)$ is equal to (a) 617 (b) 618 (c) $1234\frac{1}{2}$ (d) 1236

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Smita was asked to multiply a certain number by 36. She multiplied it by 63 instead and got an answer 3834 more than the correct one. What was the number to be multiplied? (a) 126 (b) 142 (c) 148 (d) 152 (e) None of these

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By how much is $\frac{3}{4}$ of 968 less than $\frac{7}{8}$ of 1008? (a) 146 (b) 154 (c) 158 (d) 165 (e) None of these

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When a ball bounces, it rises to $\frac{3}{4}$ of the height from which it fell. If the ball is dropped from a height of 32 m, how high will it rise at the third bounce? (a) 13 m (b) $13\frac{1}{2}$ m (c) $14\frac{1}{2}$ m (d) None of these

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To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the capacity of the bucket is reduced to two-fifth of its present? (a) 10 (b) 35 (c) $62\frac{1}{2}$ (d) Cannot be determined (e) None of these

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A body of 7300 troops is formed of 4 battalions so that $\frac{1}{2}$ of the first, $\frac{2}{3}$ of the second, $\frac{3}{4}$ of the third and $\frac{4}{5}$ of the fourth are all composed of the same number of men. How many men are there in the second battalion? (a) 1500 (b) 1600 (c) 1800 (d) 2400

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Ganeshi's monthly income is twice Jassi's monthly income. Two-third of Jassi's monthly income is equal to Sukhvinder's monthly income. If Sukhvinder's annual

income is Rs 2.34 lakhs, what is Ganeshi's monthly income? (a) Rs 14625 (b) Rs 29250 (c) Rs 28230 (d) Rs 58500 (e) None of these

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IBPS CLERK EXAM SPECIAL - SIMPLIFICATION

The cost of 5 pendants and 8 chains is Rs 1,45,785. What would be the cost of 15 pendants and 24 chains? (a) Rs 3,25,285 (b) Rs 4,39,355 (c) Rs 5,50,000 (d) Cannot be determined (e) None of these

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IBPS CLERK EXAM SPECIAL - SIMPLIFICATION

A squirrel starts climbing up a tree at the speed of 6 metres a minute but after every 6 metres it slips down 4 metres in the next minute. It will be able to reach the top 120 metres high in (a) 20 minutes (b) 60 minutes (c) 115 minutes (d) $1\frac{1}{2}$ hours

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IBPS CLERK EXAM SPECIAL - SIMPLIFICATION

In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden. The length of the garden is (a) 20 m (b) 22 m (c) 24 m (d) 26 m


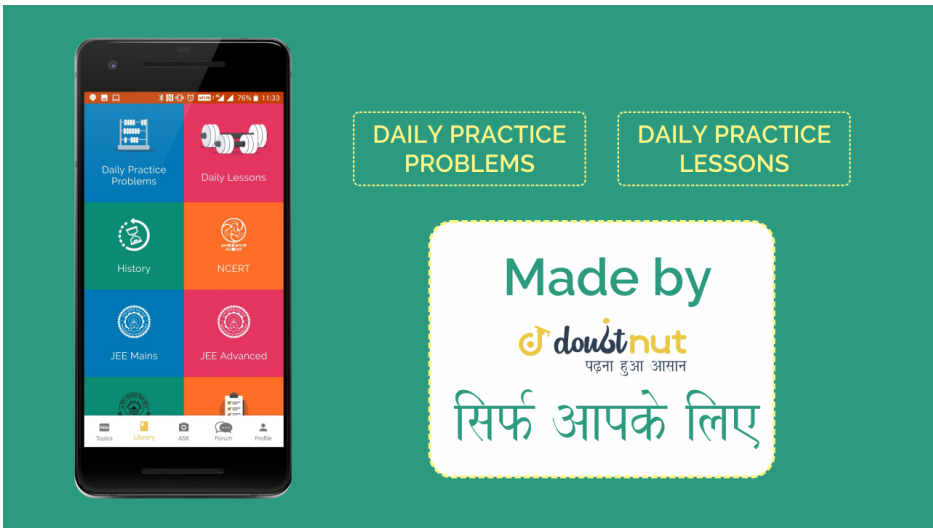
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When all the students in a school are made to stand in rows of 54, 30 such rows are formed. If the students are made to stand in rows of 45, how many such rows will be formed? (a) 25 (b) 32 (c) 36 (d) 42 (e) None of these

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26	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>Sweets were distributed equally among 64 children. After giving 7 sweets to each child 15 sweets were left out. Total how many sweets were there? (a) 436 (b) 446 (c) 448 (d) 463 (e) None of these</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
27	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>On a school's Annual Day sweets were to be equally distributed amongst 112 children. But on that particular day, 32 children were absent. Thus the remaining children got 6 extra sweets. How many sweets was each child originally supposed to get? (a) 15 (b) 18 (c) 24 (d) Cannot be determined (e) None of these</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
28	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>A man takes 8 minutes to type a page. If 1710 pages are to be typed in the afternoon between 1 o' clock to 2 o' clock, how many men are required? (a) 221 (b) 249 (c) 256 (d) None of these</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
29	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>In a test, a candidate secured 336 marks out of maximum marks x. If the maximum marks x had been converted into 400 marks, he would have secured 192 marks. What was the maximum marks of the test?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
30	<p>IBPS CLERK EXAM SPECIAL - SIMPLIFICATION</p> <p>In an examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. A student attempted all the 200 questions and scored in all 200 marks. The number of questions he answered correctly was (a) 60 (b) 68 (c) 80 (d) 82</p>

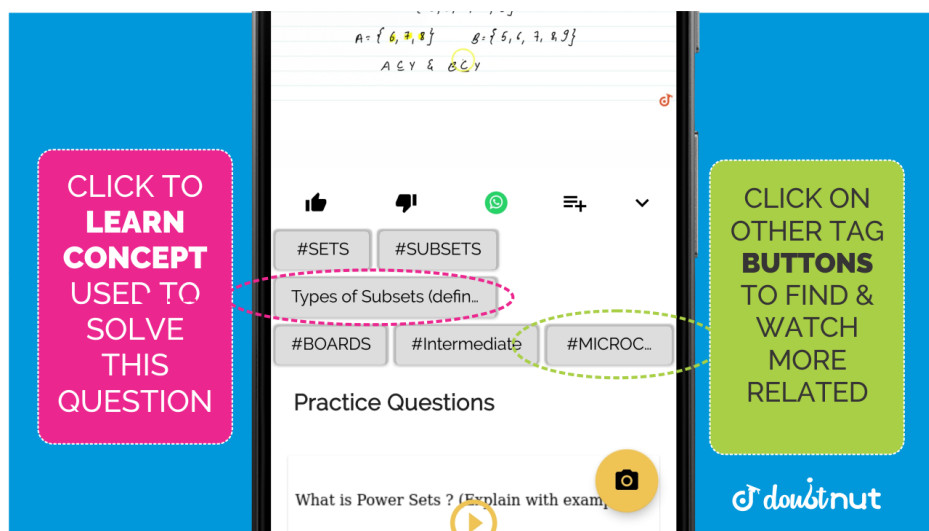
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On a 26 question test, five points were deducted for each wrong answer and eight points were credited for each correct answer. If all the questions were answered, how many were correct if the score was zero? (a) 6 (b) 9 (c) 10 (d) 13

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A man's basic pay for a 40 hours' week is Rs 200. Overtime is paid at 25% above the basic rate. In a certain week, he worked overtime and his total was Rs 300. He, therefore, worked for a total of (in hours) (a) 52 (b) 56 (c) 58 (d) 62

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N number of persons decided to raise Rs 3 lakhs by equal contributions from each. Had they contributed Rs 50 each extra, the contribution would have been Rs 3.25 lakhs. How many persons are there? (a) 400 (b) 450 (c) 600 (d) Cannot be determined (e) None of these

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A class decided to have a party at a total cost of Rs 720. Four students decided to stay out of the party. To meet the expenses the remaining students had to increase their share by Rs 9. What is the original cost per student? (a) Rs 18 (b) Rs 20 (c) Rs 24 (d) Rs 36

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A man has one-rupee, 5-rupee and 10-rupee currency notes of worth Rs 480. If the number of notes of each denomination be same, then the total number of notes will be 45 (b) 60 (c) 75 (d) 90

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The total value of a collection of coins of denominations Re 1, 50-paise, 25-paise, 10-paise and 5-paise is Rs 380. If the number of coins of each denomination is the same, then the number of one-rupee coins is (a) 160 (b) 180 (c) 200 (d) 220

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In a box, there are a certain number of coins which amount to Rs 25. There are 2-rupee coins, 50-paise coins and 25-paise coins. If there are at least one 2-rupee coin, two 50-paise coins and two 25-paise coins, then what could be the minimum number of coins in the box? (a) 12 (b) 14 (c) 16 (d) 18

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IBPS CLERK EXAM SPECIAL - SIMPLIFICATION

In an office, $\frac{3}{4}$ of the staff can neither type nor take shorthand. However, $\frac{1}{5}$ th can type and $\frac{1}{3}$ rd can take shorthand. What part of the whole staff can do both? $\frac{1}{5}$ (b) $\frac{3}{40}$ (c) $\frac{13}{40}$ (d) $\frac{17}{60}$

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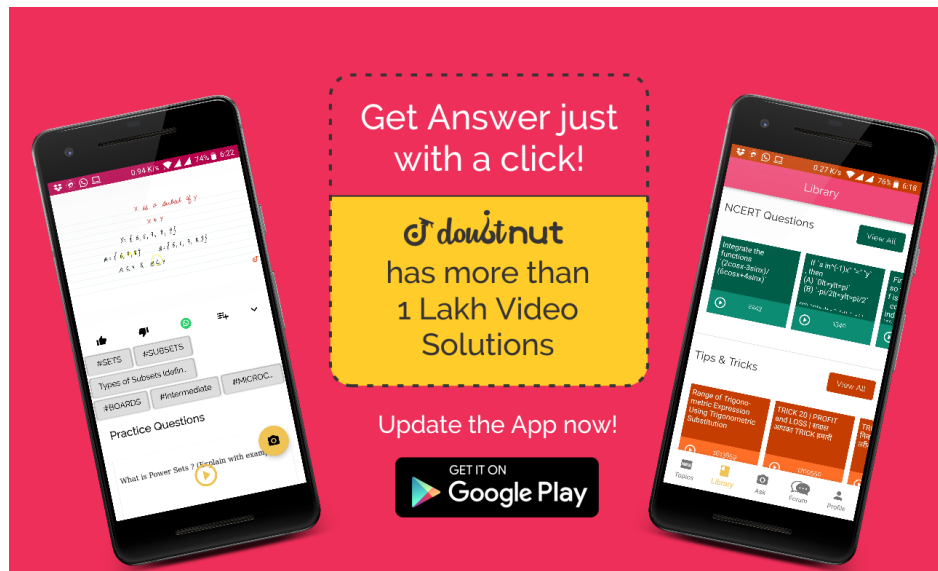
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Two candles having the same lengths are such that one burns out completely in 3 hours at a uniform rate and the other in 4 hours. At what time should both the candles

be lighted together so that at 4 P.M. the length of one is twice the length of the other?
 (a) 1: 24 P.M. (b) 1: 30 P.M. (c) 1: 36 P.M. (d) 1: 42 P.M.

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The total number of digits used in numbering the pages of a book having 366 pages, is (a) 732 (b) 990 (c) 1098 (d) 1305

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