

- In a maternity centre 16% of the childbirth cases were twins, 9% were triplets and 1% were quadruplets. What is the approximate percentage of triplets out of all the children born ? (PwC offcampus 2017)

☐ 47.4%      ☐ 53.4%

☐ 27%      ☐ 50.6%

- Mr K. C. Bokadia has fallen on hard times due to the loss his production house had to take due to a series of his produced films flopping. He thus sold off his Rolls Royce and Mercedes cars, with the selling price of his Rolls Royce being 50% more than the Mercedes. Moreover the cost price of the Rolls Royce was 45% more than the selling price of the Mercedes, while the selling price of the Rolls was 25% more than the cost price of the Merc. What was the profit percentage of Mr Bokadia on making the sales ? (TCS offcampus 2017)

☐ -5.67%      ☐ 1.50%

☐ 12.33%      ☐ -7.55%

- In a bag there are coins of three denominations of Re 1, Rs 2 and Rs 5. The first two are in the ratio of 2 : 3 and the last two in the ratio of 4 : 5. If the total number of coins in the bag is less than 100, the total value of coins in the bag can be Rs. \_\_\_\_\_. Fill in the blank. (Deloitte offcampus 2019)

☐ Rs 107      ☐ Rs 214

☐ Rs 321      ☐ Cannot be determined

- An engine without compartments can move with a speed of 60 kmph. Reduction in speed of the engine varies as the square-root of number of compartments attached. With 4 compartments, the engine can move with a speed of 40 kmph. Find the minimum number of compartments to be attached so that engine fails to move ? (TCS offcampus 2017)

☐ 37      ☐ 35

☐ 36      ☐ 34

- Abdul bought 24 kg of rice at Rs 1560. But getting an opportunity, he sold it to Boman at a profit equal to his selling price of 9 kg of rice. What was the cost price of the rice per kg to Boman ? (Infosys offcampus 2018)

☐ Rs 112      ☐ Rs 95

☐ Rs 104      ☐ Rs 81

- Four people have salaries in the ratio 6 : 5 : 3 : 7. The first person saves 44% of his salary, the second person spends 30% of his salary, the third person spends 50% of his salary and the fourth person saves 70% of his salary. If the second person's expenditure is Rs 2160 less than the fourth person's expenditure, find the difference between the savings of the second person and the expenditure of the first person. (TCS offcampus 2018)

☐ Rs 710      ☐ Rs 504

☐ Rs 610      ☐ Rs 425

- Agro giant Keventers packages and sells frozen peas in two different packages. The smaller package has an MRP (maximum retail price) at 33.33% of the MRP of the larger one. However it was found that the MRP per unit of peas in the larger packet is 5% less than the same unit of peas in the smaller one. What percent of the larger package is the weight of the smaller package of peas ? (TCS offcampus 2018)

☐ 27.5%      ☐ 31.7%

☐ 30%      ☐ 33.3%

- Due to 20 % decrease in the price of pencils, a student is able to purchase 4 more pencils for Rs 80. Find the original price of a pencil. (CTS offcampus 2016)

☐ Rs 3      ☐ Rs 5  
☐ Rs 4      ☐ Rs 6

- Mr Kapil Dev Nikhanj, by dint of his 175 runs against Zimbabwe in the 1983 world cup qualifier on 18th June, which was also his 47th one-day international, increased his batting average (average runs per one-day international) by 2.6 runs. What was his batting average after the match against Zimbabwe ? (TCS offcampus 2017)

☐ 55.4      ☐ 51.8  
☐ 53.6      ☐ 50.2

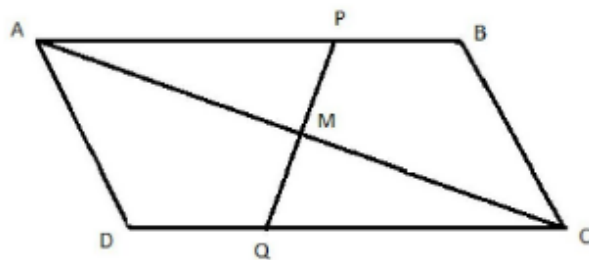
- Mr Kumar found out the correct average of all the three-digit numbers whose units digit were three times their hundreds digit. What was the correct average found out by Mr Kumar ? (Infosys offcampus 2018)

☐ 210      ☐ 251  
☐ 237      ☐ 274

- Mr Rocky Balboa and Mr Apollo Creed were joint winners in the world heavyweight boxing championship finals in 1976 and divided the prize money equally between them. While Mr Balboa invested the amount at simple interest, Mr Creed did so at compound interest, interest compounded annually. Both the rate of interest were of the same magnitude per annum. In 2 years, while Mr Balboa earned an interest of 1.6 million dollars, Mr Creed earned 1.7 million dollars. What was the prize money in million dollars in the world heavyweight boxing championship finals in 1976 ? (Deloitte offcampus 2016)

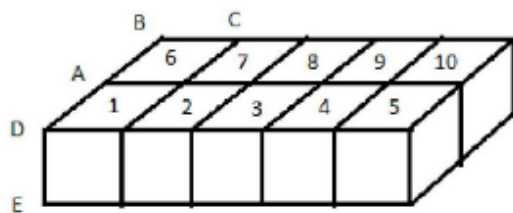
☐ 3.2      ☐ 12.8  
☐ 6.4      ☐ 25.6

- In the diagram below, ABCD is a parallelogram with AC being a diagonal of length 28 m. M is the mid-point of AC and PMQ is perpendicular to AC. AP = 22 m. The length of PQ is approximately \_\_\_\_\_ m ? (Capgemini offcampus 2019)



- ☐ 43      ☐ 29  
☐ 34      ☐ 26

- In the diagram below, ten identical small cuboids are arranged to form a large cuboid. The length of each small cuboid = AB = DA = 3 m, the breadth of each small cuboid = BC = 2 m and the height of each small cuboid = DE = 1 m. Three identical small cuboids are placed exactly one on top of the other on the small cuboid numbered 4. Two identical small cuboids are placed exactly on top of one another on cuboid numbered 3. One identical cuboid is placed exactly on cuboid numbered 9. What is the total surface area of the whole structure (in sq m), assuming that the whole arrangement is placed on a flat surface ? (TCS offcampus 2018)



- ☐ 613      ☐ 316  
☐ 361      ☐ 136

- There are two jugs A and B each containing milk and water in same quantities but in the ratio of 2 : 7 and 1 : 4 respectively. When 20 lit of water are added to A, the ratio of milk and water in both jugs become equal. How much milk should be added to jug B so that the concentration of milk in both the jugs become equal ? (Accenture offcampus 2016)

- ☐ 5.14 ltr      ☐ 6.67 ltr  
☐ 3.25 ltr      ☐ 2.67 ltr

- The summation of two numbers whose HCF is 112 is 1568. How many such pairs of numbers are possible ? (Infosys offcampus 2018)

- A survey was conducted among some management students to know their choice of specialization topics among Marketing, Finance and HR. It was found that 77 students preferred at most two of the topics, while 4 children liked none of them. 31 students preferred Marketing, 37 students preferred Finance and 32 students preferred HR. 76 students liked at least one of the three topics. How many students liked exactly one of the topics ? (Infosys offcampus 2018)

- ☐ 48                      ☐ 53  
☐ 50                      ☐ 55

- What number will replace the question mark (?) in the figure below : (PwC offcampus 2017)

1	2	3	2	10
2	5	12	10	16
1	2	1	?	10

- ☐ 13                      ☐ 26  
☐ 22                      ☐ 27

- The sum of the first six terms of an arithmetic progression is equal to the sum of the first eight terms of the same progression. Find the sum of the first fourteen terms of the arithmetic progression. (Infosys offcampus 2018)

- ☐ 105                      ☐ 0  
☐ 52                      ☐ Cannot be determined

- Rajiv's school ends at exactly 5 pm. His mother leaves from home at a fixed time to reach his school at 5 pm sharp, picks him up and returns home, driving to and fro along a fixed route and at a constant speed. One day, unknown to her, Rajiv's school closed at 4 pm. Not seeing his mother, he immediately started to walk home along the same route. His mother started at the usual time from home, met Rajiv on the way, picked him up and returned home, 30 minutes earlier than the usual time. For how much time had Rajiv walked from the school ? (TCS offcampus 2017)

- ☐ 30 minutes                      ☐ 45 minutes  
☐ 15 minutes                      ☐ Cannot be determined

- In a geometric progression with even number of terms, the ratio of the sum of all the odd numbered terms to the sum of all the terms is 1 : 5. Find the common ratio of the progression. (TCS offcampus 2016)

☐ 3                      ☐ 5  
☐ 4                      ☐ 1/6

- There are 15 points on a plane of which 8 are collinear. How many distinct triangles can be formed from them ? (Deloitte offcampus 2018)

☐ 455                      ☐ 352  
☐ 399                      ☐ 287

- A number  $N = 1 + 2 \cdot 2! + 3 \cdot 3! + \dots + 10 \cdot 10!$  Find the remainder if  $(N + 2)$  is divided by  $11!$  ? (TCS offcampus 2019)

☐ 10!                      ☐ 2!  
☐ 9!                      ☐ 1!

- Find the probability that a rectangle selected randomly from an 8 x 8 chess-board is a square ? (Infosys offcampus 2019)

☐ 17/108                      ☐ 4/5  
☐ 51/324                      ☐ 1/8

15 students entered in a classroom before the student named A, 10 students entered the classroom after the student named B and 5 students entered in the classroom between the above two students A and B. If all the students belonging to the class had entered in the above mentioned process, what was the total strength of the class ? (Deloitte offcampus 2018)

- ☐ 32      ☐ 20
- ☐ 30      ☐ Cannot be determined

- Rajinikanth tells Amitabh : "When I was  $\frac{3}{5}$  th your present age you were  $\frac{5}{7}$  th of my present age". If the present age of Rajinikanth is 70 years, what is the present age of Amitabh ? (CTS offcampus 2017)

- ☐ 65 years      ☐ 75 years
- ☐ 72 years      ☐ 80 years

- Five girls are sitting side by side on a bench to be photographed. All are looking towards the camera. Seema is to the immediate left of Rani and to the immediate right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is the second from the left in the photograph ? (Accenture offcampus 2016)

- ☐ Bindu      ☐ Rani
- ☐ Seema      ☐ Reeta

- Four boys or six girls can do a piece of work in 18 days. In how many days will six boys and three girls working together complete the same work ? (TCS offcampus 2016)

- ☐ 9      ☐ 14
- ☐ 12      ☐ 15



- A group of five dacoits, after stealing some gold coins from the King's treasury, escaped. Four of them killed their fifth partner and decided to share the money equally between them. However, one coin was found to be left over, which they donated to a beggar. Three of the remaining four dacoits killed their fourth partner and decided to divide the coins equally between them. Again, they found that one coin was left over, which they donated to a beggar. Two of the remaining three dacoits killed their third partner, and again while dividing equally, donated to a beggar the single coin which was left over. The last two dacoits left the place peacefully after dividing the coins equally between them. From the options given below, which of the following could be the number of coins that had been stolen from the King's treasury ? (Deloitte offcampus 2019)

- ☐ 237      ☐ 389
- ☐ 301      ☐ Cannot be determined

- In a certain code language, some statements are coded as follows :

'you just follow dreams' is coded as 'joy toy koy roy'

'one should dreams great' is coded as 'toy foy doy zoy'

'great persons follow you' is coded as 'doy joy koy hoy'

'these persons will follow one' is coded as 'hoy koy zoy soy coy'

Which word is coded as 'hoy' ? (Capgemini offcampus 2018)

- ☐ great      ☐ follow
- ☐ you      ☐ persons