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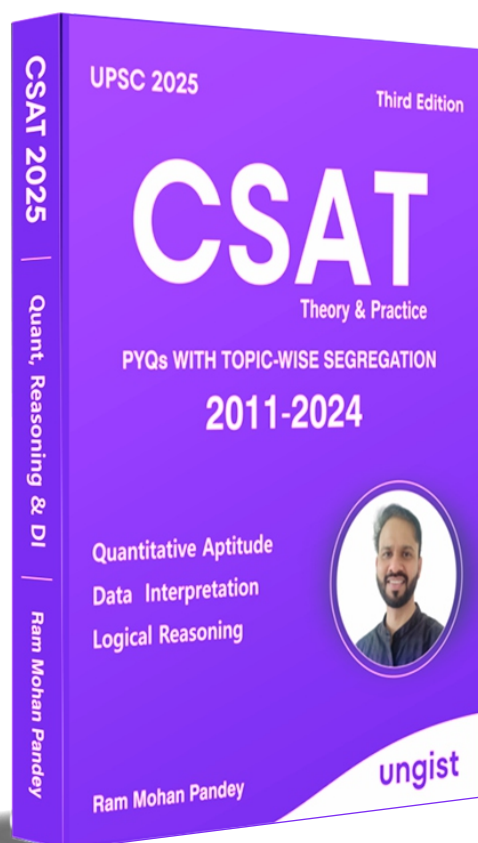
Previous Year Questions

1. In a group of persons, 70% of the persons are male and 30% of the persons are married. If two-sevenths of the males are married, what fraction of the females is single ?

   (a) $\dfrac{2}{7}$ (b) $\dfrac{1}{3}$

   (c) $\dfrac{3}{7}$ (d) $\dfrac{2}{3}$ **[CSAT 2011]**

2. The tank-full petrol in Arun's motor-cycle lasts for 10 days. If he starts using 25% more everyday, how many days will the tank-full petrol last ?

   (a) 5   (b) 6

   (c) 7   (d) 8   **[CSAT 2013]**

3. A and B decide to travel from place X to place Y by bus. A has Rs. 10 with him and he finds that it is 80% of the bus fare for two persons. B finds that he has Rs. 3 with him and hands it over to A. In this context, which one of the following statements is correct ?

   (a) Now the money A has just enough to buy two tickers.

   (b) A still needs Rs. 2 for buying the tickets.

   (c) After buying the two tickets A will be left with 50 paise.

   (d) The money A now has is still not sufficient to buy two tickets.   **[CSAT 2014]**

4. A gardener increased the area of his rectangular garden by increasing its length by 40% and decreasing its width by 20%. The area of the new garden

   (a) has increased by 20%.

   (b) has increased by 12%.

   (c) has increased by 8%.

   (d) is exactly the same as the old area.

   [CSAT 2014]

5. As per agreement with a bank, a businessman had to refund a loan in some equal installments without interest. After paying 18 installments he found that 60 percent of his loan was refunded. How many installments were there in the agreement ?

   (a) 22

   (b) 24

   (c) 30

   (d) 33   **[CSAT 2014]**

6. An automobile owner reduced his monthly petrol consumption when the prices went up. The price-consumption relationship is as follows:

Price (in Rs. per litre)	40	50	60	75
Monthly consumption (in litres)	60	48	40	32

   If the price goes up to Rs. 80 per litre, his expected consumption (in litres) will be

   (a) 30

   (b) 28

   (c) 26

   (d) 24   **[CSAT 2015]**

7. In a test, a candidate attempted only 8 questions and secured 50% marks in each of the questions. If the obtained a total of 40% in the test and all questions in the test carried equal marks, how many questions were there in the test ?

   (a) 8

   (b) 10

   (c) 15

   (d) 16   **[CSAT 2015]**

8. Candidates in a competitive examination consisted of 60% men and 40% women. 70% men and 75% women cleared the qualifying test and entered the final test where 80% men and 70% women were successful. Which of the following statements is correct ?

    (a) Success rate is higher for women.

    (b) Overall success rate in below 50%.

    (c) More men cleared the examination than women.

    (d) Both (a) and (b) above are correct.

    [CSAT 2015]

9. There is an order of 19000 quantity of a particular product from a customer. The firm produces 1000 quantity of that product per day out of which 5% are unfit for sale. In how many days will the order be completed ?

    (a) 18   (b) 19

    (c) 20   (d) 22   **[CSAT 2016]**

10. Two numbers X and Y are respectively 20% and 28% less than a third number Z. By what percentage is the number Y less than the numbers X ?

    (a) 12%   (b) 10%

    (c) 9%   (d) 8%   **[CSAT 2016]**

11. The total emoluments of two persons are the same, but one gets allowances to the extent of 65% of his basic pay and the other gets allowances to the extent of 80% of his basic pay. The ratio of the basic pay of the former to the basic pay of the latter is

    (a) 16 : 13   (b) 5 : 4

    (c) 7 : 5   (d) 12 : 11

    [CSAT 2016]

12. If there is a policy that $1/3^{rd}$ of a population of a community has migrated every year from one place to some other place, what is the leftover population of that community after the sixth year, if there is no further growth in the population during this period ?

    (a) $\dfrac{16}{243}$ rd part of the population.

    (b) $\dfrac{32}{243}$ rd part of the population.

    (c) $\dfrac{32}{729}$ th part of the population.

    (d) $\dfrac{64}{729}$ th part of the population.

    [CSAT 2017]

13. P = (40% of A) + (65% of B) and Q = (50% of A) + (50% of B), where A is greater than B. In this context, which of the following statements is correct ?

    (a) P is greater than Q.   **[CSAT 2017]**

    (b) Q is greater than P.

    (c) P is equal to Q.

    (d) None of the above can be concluded with certainty.

14. In a city, 12% of households earn less than Rs. 30,000 per year, 6% households earn more than Rs. 2,00,000 per year, 22% households earn more than Rs. 1,00,000 per year and 990 households earn between Rs. 30,000 and Rs. 1,00,000 per year. How many households earn between Rs. 1,00,000 and Rs. 2,00,000 per year ?

    (a) 250

    (b) 240

    (c) 230

    (d) 225   **[CSAT 2017]**

15. A student has to get 40% marks to pass in an examination. Suppose he gets 30 marks and fails by 30 marks, then what are the maximum marks in the examination ?

    (a) 100

    (b) 120

    (c) 150

    (d) 300   **[CSAT 2018]**

16. A person bought a refrigerator worth Rs. 22,800 with 12.5% interest compounded yearly. At the end of first year he paid Rs. 8,650 and at the end of second year Rs. 9,125. How much will he have to pay at the end of third year to clear the debt ?
    (a) Rs. 9,990
    (b) Rs. 10,000
    (c) Rs. 10,590
    (d) Rs. 11,250 **[CSAT 2018]**

17. A and B are two heavy steel blocks. If B is placed on the top of A, the weight increases by 60%. How much weight will reduce with respect to the total weight of A and B, if B is removed from the top of A?
    (a) 60%
    (b) 45.5%
    (c) 40%
    (d) 37.5% **[CSAT 2019]**

18. When a runner was crossing the 12 km mark, she was informed that she had completed only 80% of the race. How many kilometers was the runner supposed to run in this event ?
    (a) 14 (b) 15
    (c) 16 (d) 16.5 **[CSAT 2019]**

19. Raju has Rs. 9000 with him and he wants to buy a mobile handset; but he finds that he has only 75% of the amount required to buy the handset. Therefore, he borrows Rs. 2000 from a friend. Then
    (a) Raju still does not have enough amount to buy the handset.
    (b) Raju has exactly the same amount as required to buy the handset.
    (c) Raju has enough amount to buy the handset and he will have 500 with him after buying the handset.
    (d) Raju has enough amount to buy the handset and he will have 1000 with him after buying the handset.
    [CSAT 2019]

20. In an examination, A has scored 20 marks more than B. If B has scored 5% less marks than A, how much has B scored?
    (a) 360 (b) 380
    (c) 400 (d) 420 **[CSAT 2019]**

21. Rakesh had money to buy 8 mobile handsets of a specific company. But the retailer offered very good discount on that particular handset. Rakesh could buy 10 mobile handsets with the amount he had. What was the discount the retailer offered?
    (a) 15%
    (b) 20%
    (c) 25%
    (d) 30% **[CSAT 2019]**

22. A shop owner offers the following discount options on an article to a customer:
    1. Successive discounts of 10% and 20%, and then pay a service tax of 10%.
    2. Successive discounts of 20% and 10%, and then pay a service tax of 10%.
    3. Pay a service tax of 10% first, then successive discounts of 20% and 10%.
    Which one of the following is correct ?
    (a) 1 only is the best option for the customer.
    (b) 2 only is the best option for the customer.
    (c) 3 only is the best option for the customer.
    (d) All the options are equally good for the customer.
    [CSAT 2020]

23. In adult population of a city, 40% men and 30% women are married. What is the percentage of married adult population if no man marries more than one woman and no woman marries more than one man; and there are no widows and widowers ?
    (a) $33\frac{1}{7}\%$ (b) 34%
    (c) $34\frac{2}{7}\%$ (d) 35% **[CSAT 2020]**

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24. A bottle contains 20 litres of liquid *A*. 4 litres of liquid *A* is taken out of it and replaced by same quantity of liquid *B*. Again 4 litres of the mixture is taken out and replaced by same quantity of liquid *B*. What is the ratio of quantity of liquid *A* to that of liquid *B* in the final mixture ?
    (a) 4 : 1   (b) 5 : 1
    (c) 16 : 9   (d) 17 : 8 **[CSAT 2020]**

25. As a result of 25% hike in the price of rice per kg, a person is able to purchase 6 kg less rice for Rs. 1,200. What was the original price of rice per kg ?
    (a) Rs. 30   (b) Rs. 40
    (c) Rs. 50   (d) Rs. 60
    [CSAT 2020]

26. In a class, 60% of students are from India and 50% of the students are girls. If 30% of the Indian students are girls, then what percentage of foreign students are boys ?
    (a) 45%   (b) 40%
    (c) 30%   (d) 20% **[CSAT 2021]**

27. A student appeared in 6 papers. The maximum marks are the same for each paper. His marks in these papers are in the proportion of 5 : 6 : 7 : 8 : 9 : 10. Overall he scored 60%. In how many number of papers did he score less than 60% of the maximum marks ?
    (a) 2   (b) 3
    (c) 4   (d) 5   **[CSAT 2021]**

28. P scored 40 marks more than Q in an examination. If Q scored 10% less marks than P, then how much did Q score ?
    (a) 360   (b) 380
    (c) 400   (d) 420   **[CSAT 2021]**

29. If the price of an article is decreased by 20% and then the new price is increased by 25%, then what is the net change in the price ?
    (a) 0%
    (b) 5% increase
    (c) 5% decrease
    (d) Can't be determined due to insufficient data.
    [CSAT 2021]

30. The increase in the price of a certain item was 25%. Then the price was decreased by 20% and then again increased by 10%. What is the resultant increase in the price ?
    (a) 5%   (b) 10%
    (c) 12.5%   (d) 15% **[CSAT 2022]**

31. When 70% of a number *x* is added to another number *y*, the sum becomes 165% of the value of *y*. When 60% of the number *x* is added to another number *z*, then the sum becomes 165% of the value of *z*. Which one of the following is correct ?
    (a) $z < x < y$ (b) $x < y < z$
    (c) $y < x < z$ (d) $z < y < x$
    [CSAT 2022]

32. Two candidates X and Y contested an election. 80% of voters cast their vote and there were no invalid votes. There was no NOTA (None of the above) option. X got 56% of the votes cast and won by 1440 votes. What is the total number of voters in the voters list ?
    (a) 15,000
    (b) 12,000
    (c) 9,600
    (d) 5,000   **[CSAT 2022]**

CSAT BOOK Theory & Practice | Topic-wise PYQs segregation
Additional questions from other Competitive Exams.

4

33. A principal P becomes Q in 1 year when compounded half-yearly with R% annual rate of interest. If the same principal P becomes Q in 1 year when compounded annually with S% annual rate of interest, then which one of the following is correct ?

    (a) $R = S$ (b) $R > S$

    (c) $R < S$ (d) $R \le S$

    [CSAT 2023]

34. What percent of water must be mixed with honey so as to gain 20% by selling the mixture at the cost price of honey ?

    (a) 20%   (b) 10%

    (c) 5%   (d) 4%   **[CSAT 2024]**

35. P's salary is 20% lower than Q's salary which is 20% lower than R's salary. By how much percent is R's salary more than P's salary ?

    (a) 48.75%   (b) 56.25%

    (c) 60.50%   (d) 62.25%

    [CSAT 2024]

36. A number is mistakenly divided by 4 instead of multiplying by 4. What is the percentage change in the result due to this mistake ?

    (a) 25%   (b) 50%

    (c) 72.75%   (d) 93.75%

    [CSAT 2024]

37. A person buys three articles P, Q and R for Rs. 3,330. If P costs 25% more than R and R costs 20% more than Q, then what is the cost of P ?

    (a) Rs. 1,000   (b) Rs. 1,200

    (c) Rs. 1,250   (d) Rs. 1,350

    [CSAT 2024]

ANSWER KEY

1. (d)	6. (a)	11. (d)	16. (d)	21. (b)	26. (d)	31. (a)	36. (d)
2. (d)	7. (b)	12. (d)	17. (d)	22. (d)	27. (b)	32. (a)	37. (d)
3. (c)	8. (c)	13. (d)	18. (b)	23. (c)	28. (a)	33. (c)	
4. (b)	9. (c)	14. (b)	19. (a)	24. (c)	29. (a)	34. (a)	
5. (c)	10. (b)	15. (c)	20. (b)	25. (b)	30. (b)	35. (b)	

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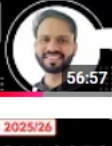
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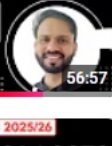
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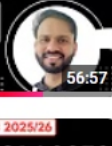Proportion 1 | English |
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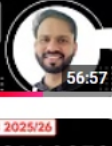Proportion 2 | English |
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