

Previous Year Topic -wise SSC CGL 2022

Smart Practice Question Series



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MATHEMATICS

Chapter 2 : Percentage

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Percentage

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Tier-1

6 Dec, 2022
Shift-4 (5:15 PM -
6:15 PM)

21. A man loses 20% of his money and after spending 85% of the remainder, he is left with Rs.120. How much did he have at first?
- A. Rs.1,200
 - B. Rs.1,000
 - C. Rs.800
 - D. Rs.500

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Percentage

SSC CGL
Tier-1

7 Dec, 2022
Shift-1 (9:00 AM -
10:00 AM)

22. A mask manufacturing company manufactured 'X' number of masks in 2018. It increased its manufacturing capacity by 30% in 2019 and further increased its manufacturing by 15% in 2020. In 2021, due to the machinery breakdown, its manufacturing declined by 40%. What is the value of 'X' if it manufactured 179400 masks in 2021?
- A. 180000
 - B. 230000
 - C. 200000
 - D. 210000

Percentage

SSC CGL
Tier-1

7 Dec, 2022
Shift-2 (11:45 AM -
12:45 PM)

23. 20% of the inhabitants of a village having died of malaria, a panic set in, during which 30% of the remaining inhabitants left the village. The population was then reduced to 12,000. What was the number of inhabitants initially (Consider integral part only)
- A. 21000
 - B. 21428
 - C. 21500
 - D. 30428

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Percentage

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Tier-1

7 Dec, 2022
Shift-4 (5:15 PM -
6:15 PM)

24. Three candidates were participating in an election. The person at third place got 20% of the total votes while the difference between the votes of the winner and the first runner up was 20% of the total votes. If the difference between the votes of the first runner up and the second runner up was 37,000, how many votes did the winner receive?
- A. 1,80,000
 - B. 1,85,000
 - C. 1,75,000
 - D. 1,95,000

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SSC CGL
Tier-1

8 Dec, 2022
Shift-1 (9:00 AM -
10:00 AM)

25. A shopkeeper advertises for selling cloth at 7% loss. However, by using a false scale of length 1 metre he actually gains 24%. What will be the actual length he uses instead of 1 metre ?
- A. 75 cm
 - B. 31 cm
 - C. 76 cm
 - D. 93 cm

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SSC CGL
Tier-1

8 Dec, 2022
Shift-1 (9:00 AM -
10:00 AM)

26. In an election between two candidates, a candidate who gets 76 % of the total votes polled is elected by a majority of 1480 votes. What is the total number of votes polled? (Consider integral part only)
- A. 2800
 - B. 1800
 - C. 2846
 - D. 1846

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Tier-1

2 Dec, 2022
Shift-3 (2:30 PM -
3:30 PM)

27. In the first year the population of a town decreased by 5% due to the Corona virus first wave. In the next year it decreased again by 5% due to the second wave and in the third year it increased by 5%. At the end of the third year the population was 9,47,625. What was the population at the beginning of the first year?
- A. 7,00,000
 - B. 10,00,000
 - C. 8,97,993
 - D. 9,92,519

Percentage

SSC CGL
Tier-1

9 Dec, 2022
Shift-1 (9:00 AM -
10:00 AM)

28. Three candidates P, Q and R participated in an election. P got 35% more votes than Q, and R got 15% more votes than Q. P overtook R by 2,412 votes. If 90% voters voted and no invalid or illegal votes were cast, then what was the number of voters in the voting list?
- A. 46,900
 - B. 42,800
 - C. 42,210
 - D. 48,500

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Percentage

SSC CGL
Tier-1

9 Dec, 2022
Shift-1 (9:00 AM -
10:00 AM)

29. Three successive discounts of 10% is equivalent to a single discount of:
- A. 27.1%
 - B. 19.0%
 - C. 25.1%
 - D. 26.2%

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Percentage

SSC CGL
Tier-1

9 Dec, 2022
Shift-2 (11:45 AM -
12:45 PM)

30. In an election contested between two candidates, 15% of the total voters did not cast their votes and 100 votes got disqualified. The candidate who won the election won it by securing 45% of the total votes and won by a margin of 400 votes. Find the total number of voters?
- A. 6,000
 - B. 3,600
 - C. 10,000
 - D. 3,500

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Tier-1

9 Dec, 2022
Shift-3 (2:30 PM -
3:30 PM)

31. During the first year, the strength of a school increased by 12%, in the second year it decreased by 12% and in the third year it increased by 10%. At the end of the third year its strength was nearly 10842. What was the strength at the beginning of the first year?
- A. 8000
 - B. 10000
 - C. 6500
 - D. 12000

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Tier-1

9 Dec, 2022
Shift-4 (5:15 PM -
6:15 PM)

32. In an election between two candidates, a candidate who gets 64% of the votes polled is elected by a majority of 252 votes. What is the total number of votes polled?
- A. 950
 - B. 900
 - C. 850
 - D. 800

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Percentage

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Tier-1

12 Dec, 2022
Shift-2 (11:45 AM -
12:45 PM)

33. A number is decreased by 20% to get another number. The number so obtained is increased by 200% to get a third number. The difference of the third number and the original number is what percentage more or less than the difference of second and the third number?
- A. More, 15.7 Percent
 - B. Less, 15.7 Percent
 - C. More, 12.5 Percent
 - D. Less, 12.5 Percent

Percentage

SSC CGL
Tier-1

12 Dec, 2022
Shift-3 (2:30 PM -
3:30 PM)

34. Out of an earning of Rs.720, Pankaj spends 65%. How much does he save?
- A. Rs.250
 - B. Rs.252
 - C. Rs.253
 - D. Rs.251

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Percentage

SSC CGL
Tier-1

12 Dec, 2022
Shift-4 (5:15 PM -
6:15 PM)

35. The expenditure on the cost of living of a man and his family is 60% of his salary. He gets two increment of 30% and 60% in his salary. If his saving increases by 250% of his initial saving, then the new cost of living expenditure is what percentage (rounded off to the nearest integer) of the increased salary?
- A. 32.7 Percent
 - B. 43.6 Percent
 - C. 29.5 Percent
 - D. 36.6 Percent

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SSC CGL
Tier-1

13 Dec, 2022
Shift-2 (11:45 AM -
12:45 PM)

36. The sum of two numbers is 680. If the bigger number is decreased by 15% and the smaller number is increased by 15%, then the resultant numbers are equal. Find the smaller number.
- A. 307
 - B. 285
 - C. 291
 - D. 304

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Percentage

SSC CGL
Tier-1

13 Dec, 2022
Shift-3 (2:30 PM -
3:30 PM)

37. Shiva's monthly salary is Rs.75,000. He spends Rs.12,000 on household items, Rs.14,000 on LIC and mutual funds, Rs.15,000 on his children's education, and keeps Rs.10,000 for miscellaneous expenses. His savings are Rs.21,000 per month and he donates the rest of the amount to an orphanage. The percentage of his income that he donates is:
- A. 3%
 - B. 6%
 - C. 8%
 - D. 4%