

Quant Mega Quiz for SSC CGL Tier - 2

Q1. 70% employees of ADDA247 are female and 60% of man earn more than Rs. 35000 per year. If 70% of company employees earn more than Rs. 35000 per year, what fraction of women employed in the company earn Rs. 35000 per year or less?

- (a) $9/35$
- (b) $22/35$
- (c) $18/29$
- (d) $4/5$

Q2. If 65% of a class of 60 students can Jump and only 35% can run, the maximum number of student who can neither jump nor run is

- (a) 12
- (b) 15
- (c) can't determine
- (d) 0

Q3. After three successive equal percentage rise in the salary the sum of Rs. 100 turned into 168 rupees and 51 paisa (Approx.). Find the percentage rise in salary at one time increase.

- (a) 17%
- (b) 22%
- (c) 19%
- (d) 12%

Q4. Ankit saves 9% of his income. Two years later her income shoots up by 19% but his savings remain the same. Find the hike in his expenditure.

- (a) 45.68
- (b) 40.24
- (c) 24.62
- (d) 20.87%

Q5. A is 70 more than B, C is of $29/8.5$ of A and D is 30% more than C now each of A, B, C, D increased by 29% find what percent of B is D (After increased).

- (a) 864%
- (b) 654%
- (c) 754%
- (d) 546.28%



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Q6. Two numbers x and y are 15% and 23% less than a third number z. Find by what percentage is the number y less than the number x.

- (a) 10.52%
- (b) 11.21%
- (c) 9.41%
- (d) 24.78%

Q7. Giving three successive discounts of 35% is equal to giving one discount of _____%.

- (a) 76.34%
- (b) 72.54%
- (c) 66.25%
- (d) 78.04%

Q8. If a watch is being sold at Rs 8,117 which is marked at Rs 9,500, then what is the discount (in %) at which the watch is being sold?

- (a) 14.6%
- (b) 22.1%
- (c) 15.9%
- (d) 19.6%

Q9. A man purchased 3 Article. A, B & C in the ratio of 8 : 10 : 7. 50% of Article A is sold at 30% loss, 40% of article B is sold at 20% loss. Find the profit percentage of remaining if he wants to make 12% profit at all the articles. (Cost price of each article of all type is same)

- (a) 32.5%
- (b) 44.5%
- (c) 26.4%
- (d) 29.5%

Q10. The Ratio of the No. of boys to that of girls in a school is 7 : 6. If 73% of boys and 87% of the girls are scholarship holders then the percentage of students who do not get scholarship is

- (a) 76.28%
- (b) 19.46%
- (c) 20.54%
- (d) 23.43%

Q11. The price of rice has increased by 60%. In order to restore the original price, the new price must be reduced by

- (a) $33\frac{1}{3}\%$
- (b) $37\frac{1}{2}\%$
- (c) 40%
- (d) 45%

Q12. The marked price of an article is Rs. 5000 but due to festive offer a certain percent of discount is declared. Mr. X availed this opportunity and bought the article at reduced price. He then sold it at Rs. 5000 and thereby made a profit of $11\frac{1}{9}\%$. The percentage of discount allowed was?

- (a) 10
- (b) $3\frac{1}{3}$
- (c) $7\frac{1}{2}$
- (d) $11\frac{1}{9}$

Q13. A number is increased by 20%. To get back the original number, the increased number is to be reduced by

- (a) 20%
- (b) 21%
- (c) $16\frac{2}{3}\%$
- (d) $14\frac{1}{3}\%$

Q14. A village lost 12% of its goats in a flood and 5% of remainder died from diseases. If the number left now is 8360. What was the original number before the flood?

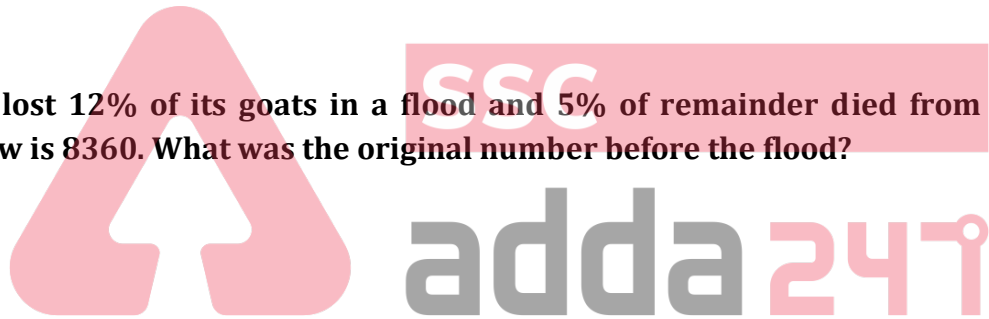
- (a) 1000
- (b) 10000
- (c) 1,00,000
- (d) 8360

Q15. A scored 72% in a paper with a maximum marks of 900 and 80% in another paper with a maximum marks of 700. If the result is based on the combined percentage two papers, the combined percentage is

- (a) 75.5%
- (b) 76%
- (c) 76.5%
- (d) 77%

Q16. An army lost 10% of its men in war, 10% of the remaining died due to disease and 10% of the rest were declared disabled. Thus the strength of the army was reduced to 7,29,000 active men. The original strength of the army was

- (a) 1500000
- (b) 1000000
- (c) 1200000
- (d) 1100000



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Q17. What % of a day is 30 minutes?

- (a) 2.83
- (b) 2.083
- (c) 2.09
- (d) 2.075

Q18. A businessman's earning by 25% in one year but decreases by 4% in the next. Going by this pattern, after 5 years, his total earnings would be Rs. 72000. What is his present earning?

- (a) Rs. 10000
- (b) Rs. 80000
- (c) rs. 40000
- (d) Rs. 54000

Q19. In an examination 73% of the candidates passed in quantitative aptitude test, 70% passed in General awareness and 64% passed in both. If 6300 failed in both subject the total number of examinees were

- (a) 60000
- (b) 50000
- (c) 30000
- (d) 25000

Q20. A man spends 75% of his income. His income increases by 20% and his expenditure also increases by 10%. Find the percentage increase in his savings.

- (a) 25%
- (b) 50%
- (c) 15%
- (d) 10%

Q21. Sonu can do a piece of work in 20 days. He started the work and left after some days, when 25% work was done. After it Abhijeet joined and completed it working for 10 days. In how many days Sonu and Abhijeet can do the complete work, working together?

- (a) 6
- (b) 8
- (c) 10
- (d) 12

Q22. Efficiency of Asha is 25% more than Usha and Usha takes 25 days to complete a piece of work. Asha started a work alone and then usha joined her 5 days before actual completion of the work. For how many days Asha worked alone?

- (a) 9
- (b) 11
- (c) 10
- (d) 15

Q23. Kareena can do a piece of work in 9 days and Karishma can do the same work in 18 days. They started the work. After 3 days Shahid joined them, who can complete alone the same whole work in 3 days. What is the total number of days in which they had completed the work?

- (a) 12
- (b) 8
- (c) 4
- (d) 6

Q24. Kavita, Babita and Samita started a work. 5 days later Samita left the work and Babita left the work after working 8 days. In how many more days Kavita would have completed the rest work if they take 20, 60 and 30 days individually to finish a work?

- (a) 4
- (b) 5
- (c) 6
- (d) 8

Q25. Chandni and Divakar can do a piece of work in 9 days and 12 days respectively. If they work for a day alternatively, Chandni beginning, in how many days, the work will be completed?

- (a) $10\frac{1}{4}$
- (b) $9\frac{1}{5}$
- (c) 11.11
- (d) 10

Q26. The number of days required by A, B and C to work individually is 6, 12 and 18 respectively. They started a work doing it alternatively. If A has started then followed by B and so on, how many days are needed to complete the whole work?

- (a) 8
- (b) 7.5
- (c) 8.5
- (d) $9\frac{1}{2}$

Q27. A takes 6 days less than B to do a certain job and 2 days more than C. A and B together can do the work in the same time as C. In how many days B alone can do the complete work?

- (a) 10
- (b) 14
- (c) 12
- (d) 16

Q28. C takes twice the number of days to do a piece of work than A takes. A and B together can do it in 6 days while B and C can do it in 10 days. In how many days A alone can do the work?

- (a) 60
- (b) 30
- (c) 6
- (d) 7.5

Q29. Sharma is 20% less efficient than Kelkar. If Kelkar can do a piece of work in 24 days. The number of days required by Sharma to complete the same work alone?

- (a) 20
- (b) 30
- (c) 28.8
- (d) Can't be determined

Q30. 12 persons can do a piece of work in 20 days. If the 4 women deny to work, then how many more days are required?

- (a) 6
- (b) 10
- (c) 15
- (d) None of these



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