

SRI KRISHNAVENI COACHING CENTRE

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Sub: Arithmetic

PERCENTAGE

Exam for : SSC/ Banking

- The population of a village is 25,000. One-fifth are females and the rest are males. 5% of males and 40% of females are uneducated. What percentages on the whole are educated?
(1) 75% (2) 88% (3) 55% (4) 85%
- A man received Rs. 8,80,000 as his annual salary of the year 2007 which was 10% more than his annual salary in 2006. His annual salary in the year 2006 was
(1) Rs. 4,80,000 (2) Rs. 8,00,000
(3) Rs. 4,00,000 (4) Rs. 8,40,000
- At an election there were two candidates. A candidate got 38% of votes and lost by 7200 number of votes. The total number of valid votes were
(1) 13000 (2) 13800
(3) 16200 (4) 30000
- Two candidates contested in an election. One got 60% of the votes and won by 1600 votes. What is the number of votes polled?
(1) 9000 (2) 8000
(3) 10000 (4) 7500
- In an assembly election, a candidate got 55% of the total valid votes. 2% of the total votes were declared invalid. If the total number of voters is 104000, then the number of valid votes polled in favour of the candidates is
(1) 56506 (2) 56650
(3) 56560 (4) 56056
- A number is first decreased by 20%. The decreased number is then increased by 20%. The resulting number is less than the original number by 20. Then the original number is
(1) 200 (2) 400 (3) 500 (4) 600
- The sum of two numbers is 520. If the bigger number is decreased by 4% and the smaller number is increased by 12% then the numbers obtained are equal. The small number is
(1) 280 (2) 210 (3) 240 (4) 300
- If a number is increased by 25% and the resulting number is decreased by 25%, then the percentage increase or decrease finally is
(1) no change (2) decreased by $6\frac{1}{4}\%$
(3) increased by $6\frac{1}{4}\%$ (4) increased by 6%
- If the numerator of a fraction is increased by 20% and the denominator is decreased by 5%, the value of the new fraction becomes $\frac{5}{2}$. The original fraction is
(1) $\frac{24}{19}$ (2) $\frac{3}{18}$ (3) $\frac{95}{48}$ (4) $\frac{48}{95}$
- A number is increased by 10% and then it is decreased by 10%. The net change in the number is
(1) no increase or decrease (2) 2% decrease
(3) 1% increase (4) 1% decrease
- A class has two sections, which contain 20 and 30 students. The pass percentage of these sections are 80% and 60% respectively. The pass percentage of whole class is
(1) 60 (2) 68 (3) 70 (4) 78
- In an examination A got 25% marks more than B. B got 10% less than C and C got 25% of more than D. If D got 320 marks out of 500, the marks obtained by A were
(1) 405 (2) 450 (3) 360 (4) 400
- In an examination 80% of the boys passed in English and 85% passed in Mathematics, while 75% passed in both. If 45 boys failed in both, the number of boys who sat for the examination was
(1) 400 (2) 450 (3) 200 (4) 150
- For an examination it is required to get 36% of maximum marks to pass. A student got 113 marks and failed by 85 marks. The maximum marks for examination are
(1) 500 (2) 550 (3) 565 (4) 620
- In an examination, 65% of the students passed in Mathematics, 48% passed in Physics and 30% passed in both. How much percent of students failed in both the subjects?
(1) 17% (2) 43% (3) 13% (4) 47%
- A student has to obtain 33% of total marks to pass. He got 25% of total marks and failed by 40 marks. The number of total marks is
(1) 800 (2) 300 (3) 500 (4) 1000
- In an examination a candidate must secure 40% marks to pass. A candidate, who gets 220 marks, fails by 20 marks. What are the maximum marks for the examination?
(1) 1200 (2) 800 (3) 600 (4) 450
- In an examination, a student who gets 20% of the maximum marks fails by 5 marks. Another student who scores 30% of the maximum marks gets 20 marks more than the pass marks. The necessary percentage required for passing is
(1) 32% (2) 23% (3) 22% (4) 20%
- In an examination, there were 1000 boys and 800 girls. 60% of the boys and 50% of the girls passed. Find the percent of the candidates failed?
(1) 46.4% (2) 48.4% (3) 44.4% (4) 49.6%
- A vessel has 60 litres of solution of solution of acid and water having 80% acid. How much water be added to make it a solution in which acid forms 60%?
(1) 48lit (2) 20lit (3) 36lit (4) none of these

KEY SHEET

1	2	11	2
2	2	12	2
3	4	13	2
4	2	14	2
5	4	15	1
6	3	16	3
7	3	17	3
8	2	18	3
9	2	19	3
10	4	20	2

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