BLOGS

Tips to solve Quantitative Techniques Section: CLAT 2023

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With CLAT 2023 just a month away, it is time that you start practicing tricks to save time while solving the paper. Quantitative Techniques is one such section where a few shortcuts can help you score a lot better and in much less time. Read below to find out such tips and tricks!

- Square of a number with unit digit 5: It is extremely easy to find the square of a number that has 5 in its unit digit, without actually solving it on pen and paper. For example- what will be the square of 85? Follow this two-step method to find the answer.i) Square the unit digit 5= 25.ii) Multiple the tens digit 8 with the number succeeding it= 8*9= 72.Therefore, the square of 85= 7225.
- Multiplication of numbers from 11 to 19: To multiply such numbers easily, follow this simple 4-step methodTake two numbers, for example- 12 and 15.i) Add the unit digit of the smaller number to the larger= 2 + 15= 17.ii) Multiply the result with 10= 170.iii) Multiply the unit digits of both the numbers= 2*5= 10.iv) Add both the numbers= 170 + 10= 180.This is the answer!
- Division of a large number by 5: To divide a large number by 5, follow this extremely easy 2-step method.For example- 493/5.i) Multiply this number by 2= 493*2= 986.ii) Move the decimal point one place left= 98.6. And this is the answer!
- Square of a number:
- Take, for example, a number such as 67.How to get the square of this number easily?i) Take a base number= 100.ii) What is the difference of the original number from the base?= 67 – 100= (-33).iii) Add this difference to the original number= 67 + (-33)= 34 iv) Multiply the result with the base number= 34*100= 3400.v) Add the step 4 result with the square of the difference= 3400 + (-33*-33)= 3400 + 1089= 4489.And this is your answer!
- Multiplication of two-digit numbers It is extremely easy to multiply any two digit numbers mentally, without needing a pen and paper! Follow this three-step method.For example-

36*12.Arrange these numbers in a column.3612—i) Multiply the units column= 6*2= 12. Carry the 1 forward. So, 2 is left. ii) Multiply in a cross pattern and add= 6*1 + 3*2= 6+ 6= 12 + the 1 which was forwarded= 13. Carry the one forward. So, 3 is left. iii) Multiply the tens column= 3*1= 3 + the 1 which was forwarded= 4. The answer is 432!

- Subtracting numbers from multiples of 1000 Take any two numbers, such as, 10,00,000-9,98,554.i) Subtract all the digits except the last one from 9= 001446.Search for more such easy tips and tricks to help you solve questions faster. Practice them and figure out which ones work for you, and which don’t. Find out more such tricks and tips to help you prepare for CLAT 2023 at CLATalogue!All the best!