

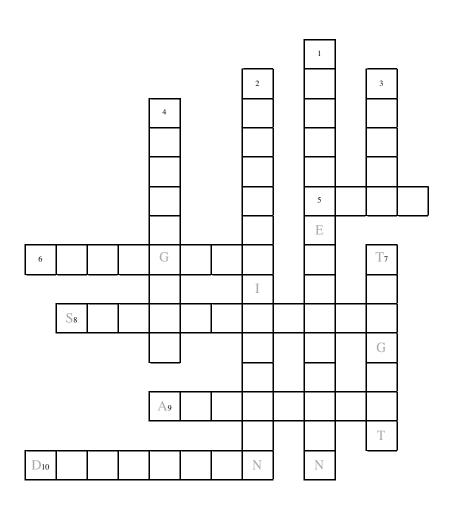
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(An Autonomous Institution)



DEPARTMENT OF MATHEMATICS

Puzzle - Calculus



Across

- **5.** a certain quantity or amount of one thing considered in relation to a unit of another thing and used as a standard or measure.
- **6.** pertaining to or involving integrals.
- **8.** the operation or process of finding the difference between two numbers or quantities, denoted by a minus sign (-).



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- 9. the process of uniting two or more numbers into one sum, represented by the symbol +.10. the operation inverse to multiplication.Down
- 1. the operation of finding the differential or derivative of a function.
- **2.** any generalization of this operation applicable to numbers other than integers, as fractions or irrational numbers.
- **3.** a number such that the absolute value of the difference between terms of a given sequence and the number approaches zero as the index of the terms increases to infinity.
- 4. differing only in the sign of the equation.
- 7. touching at a single point, as a tangent in relation to a curve or surface.

SOLUTION:

