



# Core Mathematics S1(GCE)

Practice Question 11

Standard A<sup>★</sup>

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**CRITICAL THINKING IS THE KEY TO SOLVE REAL WORLD PROBLEMS.  
CHILDREN MUST BE TAUGHT HOW TO THINK, NOT WHAT TO THINK.  
A GREAT TEACHER WILL BE CREATING STUDENTS TO DO NEW THINGS  
THROUGH CRITICAL THINKING, NOT SIMPLY REPEATING WHAT OTHER  
GENERATIONS HAVE DONE BEFORE. WE DO NOT NEED ANOTHER  
ALBERT EINSTEIN OR ISAAC NEWTON.... WE NEED A PERSON BETTER  
THAN THEM.**

**MR.S.V. SWARNARAJA**

**Question:**

A class has 125 students and studying at least one of the following subjects:  
Mathematics, Statistics, Accounting.

85 students study Mathematics

98 students study Statistics

70 students study Accounting

27 students study all 3 of these subjects.

A student is selected at random from the class.

Find the probability that the student studies exactly one subject

**For the answers please contact:**

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*Traditional or Online classes*

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