



Core Mathematics S2(GCE)

Practice Question 1

Standard A[★]

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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:

The letter ' π ' appear on a mathematic book has a Poisson distribution with mean 1.5 per page. Calculate the probability in the book that

- (a) No ' π ' letter on the first page. (2 marks)
- (b) The first ' π ' letter will appear on the third page of the book. (4 marks)
- (c) Exactly three of the seven pages will contain no ' π ' letter. (3 marks)
- (d) The total number of ' π ' letters in the first four pages are two or less. (2 marks)

For the answers please contact:

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Traditional or Online classes

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