

Applied theory of probability

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SY. RA. EXAMINATION, 2012	
APPLIED STATISTICS (GENERAL)	
(Applications of Statistics and Theory of Probability)	
(2008 PATTERN)	
Time : Three Hours	Maximum Marks : 80
N.B. :- (i) All questions are compulsory.	
(ii) Figures to the right indicate full marks.	
(iii) Use of statistical tables and scientific calculator is allowed.	
(iv) Symbols have their usual meaning.	
(v) Graph papers will be provided on request.	
I. Attempt any two of the following : (2×5=10)	
(a) Explain the following terms :	
(i) sample space,	
(ii) an event	
(iii) mutually exclusive events.	
P.T.O.	
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Description: -

-Applied theory of probability

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Notes: Translation of; Prilozheniya teorii veroyatnostei v inzhenernom dele, Fizmatgiz, 1963.

This edition was published in 1971



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Tags: #Applied #and #Theoretical #Probability

probability and statistics

Hence, the probability of getting the desired outcome is 0.

Applied and Theoretical Probability

Suppose it says that there is a 60% chance that rain may occur.

Applied probability

The larger the p-value — the more the data conforms to the null hypothesis. Everything from the weather forecasting to our chance of dying in an accident is a probability.

Hamburger

Applications With this background, let us explore how probability can apply to machine learning Sampling - Dealing with non-deterministic processes Probability forms the basis of sampling. The virtue of this calculation is that it makes possible a probability statement about the of the urn, which is not directly observable, in terms of observable data, from the composition of the sample taken from the urn. For example, the indicates a number between 0 and 1.

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