5   A REVIEW: APPLICATION OF MATHEMATICS IN E-BUSINESS

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Abstract

Due to the emergence and evolution of computer network technologies such as Internet, Intranet, Extranet, Cloud and Grid Computing, Electronic Business has been growing rapidly for the last few years. It is very important to understand the philosophy of e-Business in marketing as well as in management and the key activities within the process. To run any e-Business, the connection between Mathematics and Business must be strong since the latter cannot survive without the former's existence.
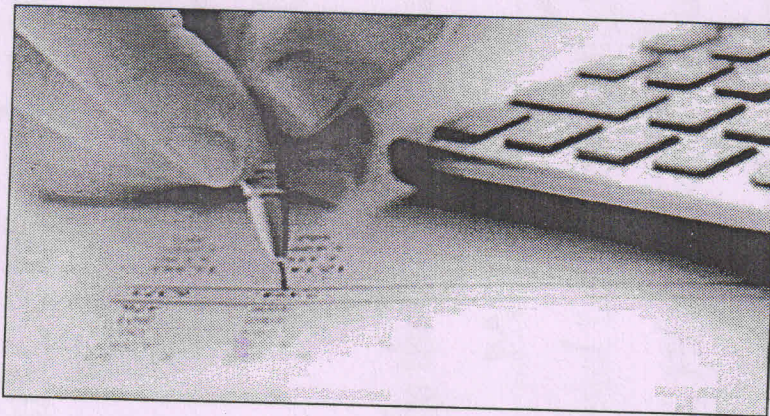
Mathematics is a mental activity which consists of carrying out, one after the other, those mental constructions that are inductive and effective. It has two strong pillars, one is the content and the other is creative side of mathematics. The first part of content is discussed elaborately at different platform but the discussion about the creativity part of mathematics is not so popular and thus the real applications of mathematics are not understood. Before the product of the process comes to existence, it is mathematics that has a crucial role to play. It is not only about the performance of product and process; also the reliability, productivity, life, cost, etc. can be predicted quite accurately using the different mathematical methods. However, it is very important to understand the meaning of the quantities resulting after calculations.

Keyword: e-Business.

OBJECTIVE

The objective of this paper is to study the application of Mathematics in e-Business.

INTRODUCTION

What is Mathematics?

Mathematics is the science of order, space, quantity and relation. It is a mental activity which consists of carrying out, one after the other, those mental constructions that are inductive and effective.