Assignment No.	01	Name of the Assignment Setter:		Dr. D. D. Ruikar	
Course:	MCA			Semester:	III

Subject:	Big data (Introduction to big data)

Q.1) Attempt **ANY ONE** of the Following **(1000 Words)** **(10)**

    a) Explain various types of probability

    b) Explain conditional probability and Bayes theorem.

Q.2) Attempt **ANY TWO** of the Following **(800 Words)** **(12)**

    a) Describe the concept of data distribution

    b) State and explain Chi-square test and goodness of fit

    c) Discuss statistical model in R.

    d) Discuss various control structures in R.

Q.3) Write Short Notes on **(ANY TWO)** **(08)**

    a) Permutation and combination

    b) Normal distribution

    c) Density function

    d) Monte Carlo Simulation

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