

# BIOSTATISTICS

is meant for undergraduate and postgraduate students of life sciences, veterinary, medical sciences (dental, nursing, psychology, nutrition) and the students preparing for civil services examinations conducted by UPSC and NET/JRF test of UGC.

Each chapter deals with an introduction, clear statement of definitions, objective and principles, supplemented by solved examples and ends with a set of exercises. Statistical calculations are mainly based on data obtained from biological experiments. The language of the book has been kept very simple. Collection of multiple choice questions from different examinations is given at the end of each chapter, which makes it the best choice for an in-depth understanding of biostatistics.

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- Chi-square Test
- Vital Statistics (Demography and Measure of Populations)
- Designing and Methodology of Research

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Sudhir Kumar Pundir

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Useful for

Undergraduate and Postgraduate Students of  
Medical Sciences, Biomedical Sciences, Biosciences and Life Sciences

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## BIostatistics

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# Preface

“**BIostatISTICS**” has assumed tremendous importance with the progress in various disciplines of life sciences. All the universities in India have introduced biostatistics as a subject of study at undergraduate and postgraduate levels. Also, Biostatistics has become indispensable for the research in various fields of life sciences and medical sciences.

Each chapter begins with a brief introduction of the topic and then followed by solved problems, review questions and MCQ. The important facts given to the point at various places of the chapter which is the unique feature of this book. Those researchers as well as students doing dissertation will be benefitted regarding use of different statistical significance tests, which have been dealt lucidly in this book.

I express my gratitude to the authors and publishers of various books I consulted during the preparation of the book.

I wish to sincerely thank Mr SK Jain, Chairman & Managing Director and Mr Varun Jain, Director, CBS Publishers & Distributors, New Delhi, for encouragement and help in bringing out this publication in a present nice form.

My special thanks to Mr YN Arjuna, Senior Vice President, Publishing, Editorial and Publicity and Mrs Ritu Chawla, General Manager, CBS Publishers & Distributors, New Delhi, whose encouragement and unstinted support enabled me to complete the book. I also take this opportunity to express my sincere gratitude to Mr Sunil Dutt, CBS Publishers & Distributors, New Delhi, who gave me the inspiration throughout the preparation of the book. Mr Suresh Sharma, Mr Ramakant Jha, Mr Anil Rawat and Mr Anurag Singh, CBS, New Delhi, deserve special mention for their kind support and help in this endeavour and unstinted support enabled me to complete my book. Mr Jitesh Ahalawat, M/s Tech Yuva Infostat also deserve special mention for nice type setting.

I must also record my appreciation due to my wife Dr Rimple, daughter Rijuta and son Shrish for their understanding and love during the long period that I have taken to complete this book.

Above all I am thankful to the Almighty God, without whose grace nothing is possible for any one.

Readers are welcomed to point out errors, if any and send their valuable suggestions for improving the quality of the book.

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