right-hand-side to left-hand-side and others which have to be applied using either of the aforesaid methods. He has classified formulae into groups and focused on the root formula in each group from which several other formulae can be derived. The book thus helps the reader in establishing connections between formulae which appear to be different and not-related to each other. After a careful reading of the magnum opus under review, the reader will be able to join the formulae in the different branches of mathematics, viz. arithmetic, trigonometry, algebra, geometry, coordinate geometry, conics, plane, probability, vectors, complex numbers, boolean algebra, calculus and statistics. The book contains several mnemonics (such as, the derivatives of all c's are negative, i.e. the derivatives of cos, cot, cosec, and their inverse are negative) which will prove to be very helpful in remembering and recalling formulae in mathematics. The book begins from the basics and gradually moves to higher levels of mathematics.

The book has been effectively divided into four parts. The first part contains twenty-seven chapters. The second part contains twenty-one worksheets which help the reader in gauging his/her understanding of the concepts covered in the first part. The third part contains nineteen chapters and the fourth part contains nineteen worksheets. The book explains concepts such as conterminal angles, quadrantal angles, sexagesimal system, radian measure (also known as circular system), root mean square deviation, Napier's analogies, probability mass function, cumulative density function, contrapositive statements and inverse statements.

The book attempts to drive some basic points into the mind of its reader. For instance, the second chapter contains a fundamental point: $\cos\theta$ is the horizontal distance and $\sin\theta$ is the vertical distance of the point on the unit circle. The chapter contains a method which will help the students learn the values of $\sin\theta$ and $\cos\theta$ (for $\theta = 0°$, 30°, 45°,…). The sixth chapter dissects the two point form, slope point form, slope intercept form, double intercept form, normal form and the general form equations of the straight line. The seventh chapter contains a comparative study of parabola, ellipse and hyperbola. The sixth, seventh and the eighth chapter of the third part of the book focus on three-dimensional geometry. In the seventeenth chapter (in part three) differential equations have been explained in great detail.

The beauty of the work under review is the fact that its author has been able to convert mathematics into a highly engrossing, interesting and eye-opening game. The book is reader friendly because it is visual in nature and will undoubtedly help the reader in developing his/her cognitive skills. The book will be helpful to students enrolled in the eleventh and twelfth standards.

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The Marvel Plant of Meghalaya: *Zanthoxylum acanthopodium* DC. H. K. Sharma and K. Zaman (eds). LAP Lambert Academic Publishing, Bahnhofstraβe 28,66111 Saarbrucken, Deutschland/ Germany. 2016. 104 pp. Price: €49,90. ISBN: 978-3-659-88413-9

Nature is the most diversed hub for various kinds of biochemicals as phytoconstituents. Nature also carries out the various reactions between these constituents with maximum degree of accuracy.

The practice of aboriginal medicine is facing threats due to urbanization and colonization. In spite of all these, the resource of traditional medicine and their utility is still prevailing. To bring out more specificity with less adverse effect, various studies are carried out at different academic, research and industrial levels with innovations.

The book *The Marvel Plant of Meghalaya: Zanthoxylum acanthopodium DC* is comprised of a total of ten chapters and each chapter is written by different author(s). This book highlights various information regarding the plant *Zanthoxylum acanthopodium* DC, its prospective uses as antibacterial, antifungal, antioxidant, hepatoprotective, insecticidal, anticancer, muscle relaxant, and pain reliever. This book is written in a very simple manner with scientific explanation. It serves as a concise informative reference book. Each chapter of the book describes the various pharmacological activities. It emphasizes on the various parts of the plant used for extraction, methods of extraction and solvents used for the extraction. The various analytical techniques such as TLC, HPTLC, FTIR are performed for the different extracts. This book also highlights the significance of the plant *Zanthoxylum acanthopodium* DC in relevance to its ethnobotany, photochemistry and biological activity.

The knowledge regarding the various uses of this plant explained in this book can be used by the postgraduate students, researchers of pharmacy and photochemistry background. The educators and teachers can also use this book for reference purpose and for guiding the students.

The book under review would also serve as a resource for the researchers to further elucidate and target the main compounds and their optimization.

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