



DEPARTMENT OF MATHEMATICS
CENTER FOR FOUNDATION STUDIES
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

MATHEMATICS FOR NURSING MTNF 0114



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Mathematics For Nursing

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**EMPOWERING FUTURE NURSES WITH THE MATHEMATICAL SKILLS FOR
SAFE AND EFFECTIVE CARE.**

The Mathematics for Nursing MTNF 0114 Workbook is an essential resource tailored specifically for students enrolled in the Foundation in Nursing programme at the Center for Foundation Studies, International Islamic University Malaysia. This comprehensive guide covers key mathematical concepts, including Algebra, Equations, Inequalities, Functions, Graphing Techniques, Exponential and Logarithmic Equations, and Basic Dosage Calculations, all through practical examples and exercises designed to enhance understanding.

With a focus on the core mathematics curriculum for nursing students, this workbook provides detailed notes, worked examples, exercises, and review activities for each topic. To ensure thorough preparation for end-of-semester exams, it also includes mock quizzes and past examination papers. Beyond boosting students' mathematical proficiency at the foundation level, this workbook highlights the vital importance of accurate mathematical calculations in nursing practice. These skills are critical for ensuring patient safety and delivering effective care, setting a strong foundation for success in the nursing profession.

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