Bridging Exemption Test Course: Business Mathematics
Overview Exam questions will be on basic mathematical concepts such as the real number system, linear equations and system of linear equations and applications, quadratic functions and differentiation. Matrices operations will also be asked. Some of the key business topics are simple interest and compound interest, and markups will also be covered. Formulas are given. Non-programmable scientific calculator is allowed during the exam.
Faculty/Programme Group   - Human Resource Development & Psychology   - Azman Hashim International Business School   - Built Environment   - Education (SPL, SPI)   - Geomatic Science & Engineering (SGP, SGT)
Topics   - Algebra and Polynomial   - Geometry Coordinates (linear, quadratic, cubic)   - System of Linear Equations   - Matrix Algebra   - Differentiation   - Arithmetic and Geometric Progression   - Interest Rates(Simple and Compound)   - Mark up and Mark down
Exam Details Format   - Part A – Multiple Choice Question (10%)   - Part B – Computational / Essay (40%)   Duration   2 hours
References   - Ian Jacques, Mathematics for Economics and Business. 4 th edition, Prentice Hall, 2002   - Lau Too Kye, Phang Yook Ngor, Wee Kok Kiang, Business mathematics for UiTM 2nd edition. Oxford Fajar.   - Frank S Budnick, Applied Mathematics for Business, Economics and The Social Sciences, 4th edition McGraw Hill 1993.