T3 Examination Specifications G6-11

Subject	Mathematics
Grade	7
Duration	90 minutes
Mark Determination	Questions will be structured to enable students to demonstrate E, D or M in the outcomes assessed in the exam. A mechanism will be included to convert these levels of mastery to marks/100 for entry into eSIS.
Question Types/details	• MCQ (10 questions) • Short answer • Multi-strand and/or extended response • This paper is available in English only but an English-Arabic glossary sheet will be available with the exam for those students who require one
Outcomes which may be selected for assessment in the exam	• Round decimals to the nearest tenth and justify rounding in terms of closeness to the number • Multiply and divide decimals by whole numbers • Calculate and explain simple percentages (10%, 20%, 25%, 50%, 75%) of quantities • Model, simplify and explain equivalent fractions for decimals and percentages • Simplify algebraic expressions involving multiplication or collecting like terms • Substitute integers, fractions and decimals into simple algebraic expressions • Solve simple linear equations involving two-steps and show two methods for solving • Create a word problem for a given two-step equation • Convert between metric units of length (mm, cm, m, km), mass (mg, g, kg, t) and capacity (mL, L), explain the conversion and use to solve measurement problems • Find and estimate the perimeter of composite shapes and use to solve problems • Find and explain the area of parallelograms and use to solve problems • Find the area of composite shapes by splitting into simpler shapes and use to solve problems • Use, identify, describe and create nets for 3D solids • Find the volume of rectangular and triangular prisms and use to solve problems • Organizing information/data • Explaining • Making informed judgments/decisions • Generating solutions • Suggesting conclusions • Identifying relationships/patterns