MTH_112: Elementary Functions
Examination I Part 1 of 2 – Technology Allowed Examination

Student Name: ________________________________

Instructions:

• Read all instructions before beginning.
• The student's full name shall be written where indicated on this examination cover page.
• This is part 1 of a two-part in-class examination.
• Part 1 of this examination consists of examination problems 1 through 4.
• Each solved problem carries up to 10 marks.
• This examination carries a total of 80 examination marks.
• The total time allowed for completion of both parts of this examination is 90 minutes.
• The total examination score will be the sum of marks from this examination and marks from
  the mock examination student group presentation.
• Part 2 of this examination may be collected after submission of Part 1.
• The student may choose to return to Part 1 of this examination upon completion and
  submission of Part 2.
• Only the "Official PCC Department of Mathematics MTH112: Identity and Formula
  Reference Sheet" may be used during this examination. Textbooks and/or student's personal
  lecture notes sind verboten!
• Calculators and/or computers may be used to work problems in part 1 of this examination.
• “Scratch” work may be done on the back of examination sheet pages or on separate
  worksheets. If separate worksheets are used, the student's name and the problem being
  worked must be clearly identified in order to be considered during marking.
• Students should keep in mind that:
  • Illegible work will remain unmarked.
  • Undefined symbols have no meaning.
  • Improper notation and/or incomplete mathematical sentences will be rejected.
  • Graphs with unlabelled axes have no meaning.
  • Ambiguous conclusions will be misinterpreted.
  • Approximations must be so indicated.
  • Solutions with incorrect units (dimensions) are incorrect solutions.
• Partial credit will be awarded for solutions that are coherent and logically presented.
• Marks will be deducted for scattered, disjointed analysis presentations.
• No credit will be awarded for ambiguous conclusions.
• Caveat: Any hint of cheating during the examination will result in an examination mark of
  zero.