THE UNIVERSITY OF TORONTO - MISSISSAUGA
PRACTICE - Term Test 1
MAT135H5S - Spring 2020 - LEC0101, 0104, 0105
Aids: None.

Name: _____

Student Number: _____

MC1 (2pts) Given the functions $f(x) = x^2$ and $g(x) = x + 3$, what is $f(g(x))$?

A. $x^2 + 3$

B. $x^2 + 6x + 3$

C. $x^2 + 6x + 6$.

D. $x^2 + 6x + 9$.

E. The constant function 1.

MC2 (2pts) What is the only solution to $\ln(x) = x$?

A. $x = 0$

B. $x = 1$

C. $x = e$

D. $x = e^2$

E. None of the above