First Name: _____

Last Name: _____

Student Number: _____

UNIVERSITY OF TORONTO FACULTY OF APPLIED SCIENCE AND ENGINEERING Test 2 – November 13, 2018 First Year **APS110/164** – ENGINEERING CHEMISTRY AND MATERIALS SCIENCE Exam Type: A Examiners – CQ Jia, SD Ramsay Duration: 90 minutes • Permissible Calculators: Casio FX-991 or Sharp EL-520 Rulers permitted	**Marks** ***Part A:*** (/15) ***Part B:*** **1.**(/10) **2.**(/10) **3.**(/10) **4.**(/10)