Quiz September 2, 2020

Which of the strings are elements of the regular expressions.

Question 1: **(01+000)*:**   01000,   00001, 000001, 001

Question 2: **0(0+11)*1:**   001, 0111, 0110, 000

Question 3:   What is $\displaystyle \lim_{n \to \infty} \frac{2 \cdot 3^x}{3 \cdot 2^x}$?