## NAME: ALONYENU TREASURE AGBENU-OWO

## **DEPARTMENT: CIVIL ENGINEERING**

## MARTIC NUMBER: 19/ENG03/005

**MAT 102 ASSIGNMENT** 

Treasure Agberrum Engineexing 19/ENG03/005 MAT 102 Assignment tui tzk zui + (4+3-76); + (++3)K 8 = (863) i. velocity = dx dt = 2462: + (1262-7); + K 11. Acceleration = d2x dt2 = 48ti + 246j + K + ZK 2. x zxi + ui  $8 = 3ti + t^{3}i + t^{2}K$ = 31 + 36ª + 2+K de de ab b=1 = 31 + 3j + 2K E dt  $=\sqrt{(3^2)}+(3^2)+(2^2)$ XL dt 22 2 T= do, = 31+31+2k dt do,