NAME: ELENWOKE OBINNA MICHAEL

MATRIC NO: 18/ENG06/020

DEPARTMENT: MECHANICAL ENGINEERING

QUESTION 1:

SOLUTION: T1 of thermometer = 100c

T2 of thermometer = 200c

Time taken = 5minutes = 300secs

T = 20-10 = 100c

Find T = 2490c Tc = 249-10 = 1490c

100c to 300secs

1490c to x

10x to 300x14.9

10x = 4470

X = 447

X = 447secs

X = 7minutes 27seconds