

**NAME; WOLE-TAIWO AYODEJI MICHAEL**

**MATRIC NO; 16/ENG06/076**

**MECHANICAL ENGINEERING**

u                    7000    k                    -0.1  
F                    7000

t                    y  
0                    0  
6                    3158.319  
12                    4891.641  
18                    5842.908  
24                    6364.974  
30                    6651.491  
36                    6808.734  
42                    6895.031  
48                    6942.392  
54                    6968.384  
60                    6982.649  
66                    6990.477  
72                    6994.774  
78                    6997.132  
84                    6998.426  
90                    6999.136  
96                    6999.526  
102                    6999.74  
108                    6999.857  
114                    6999.922  
120                    6999.957  
126                    6999.976  
132                    6999.987  
138                    6999.993  
144                    6999.996  
150                    6999.998  
156                    6999.999  
162                    6999.999  
168                    7000  
174                    7000  
180                    7000

$=(\$C\$1) - (\$C\$2 * \text{EXP}(\$F\$1 * B5))$ ; FORMULA USED

