| Comp Eng. | | | |
|--|------------|-------------|----------------------|
| The second secon | CALCUL | 151 | |
| | MID-TERM | EXAM | 2/11/2016 |
| * Solve all the | e given qu | iestions! | |
| 1) show that | for every | value of | X |
| 1cosx -115 | $ \chi $ | (037-1) (1 | -16 03x-161 |
| 2) Determine | the asy | mp to te (s |) of _x < co>x < c>x |
| $\int (x) = \frac{\sqrt{x^2 + x^2}}{x}$ | Y Cif | any). | axil L cosx Exit |
| 3) A particle moves on change of | at the | first que | advant ite of |
| change of | its dista | nce from | af x=3m. |
| Prove that [x [off | | | |
|) [0 | | 0 | C(i). |
| x and u are | not func | trons of | eachother. |
| God | D LUCK | | 60 min. ure GÜVEN |
| | | | |