## Homework \#3

$7.5 \# 10,39,41,64,81$
$7.7 \# 5,8,22$
Hint for $\# 22$ : you may use freely the fact that the fourth derivative of $e^{x^{2}}$ is $\left(12+48 x^{2}+16 x^{4}\right) e^{x^{2}}$.

