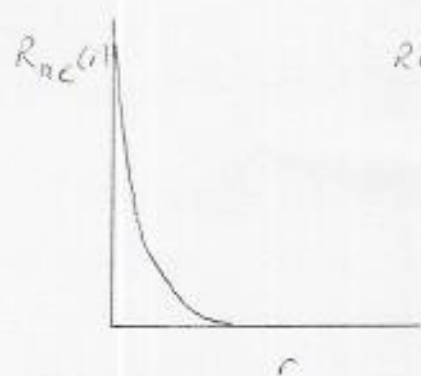
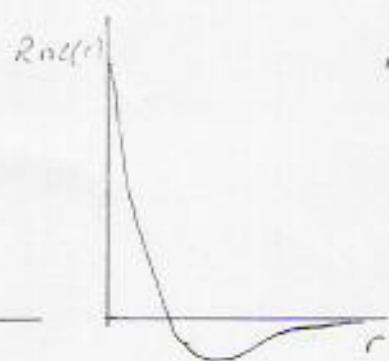


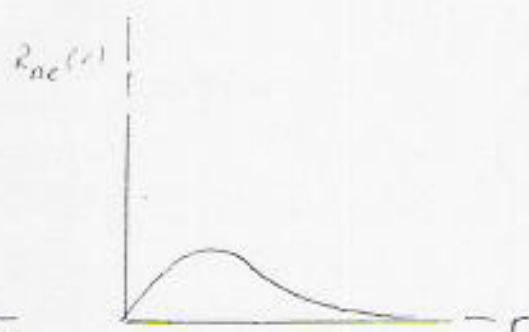
# RADIAL WAVE FUNCTIONS OF HYDROGEN (Dependent on $r$ )



$n=1$



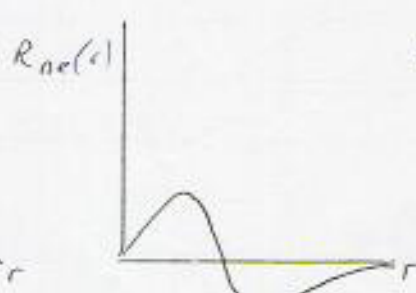
$n=2, l=0$



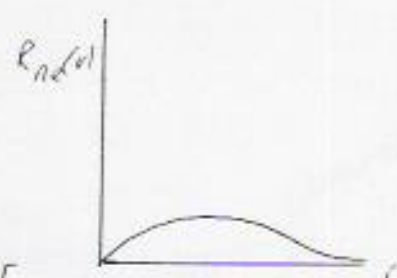
$n=2, l=1$



$n=3, l=0$



$n=3, l=1$

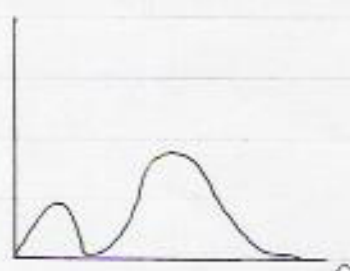


$n=3, l=2$

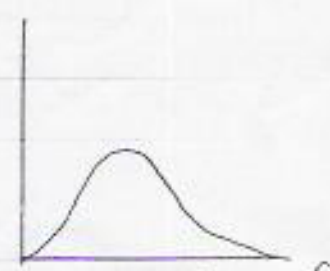
## RADIAL PROBABILITY DENSITY FOR THE ELECTRON



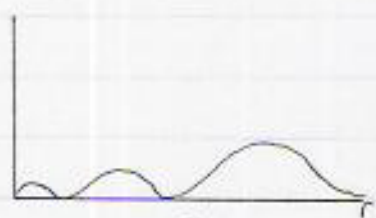
$n=1, l=0$



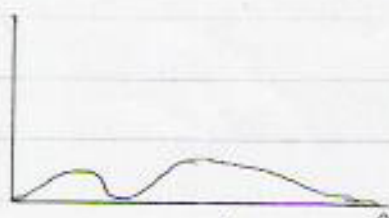
$n=2, l=0$



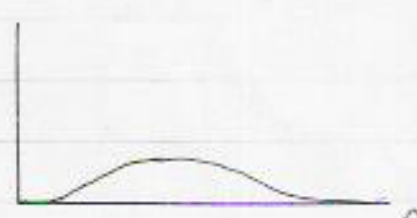
$n=2, l=1$



$n=3, l=0$



$n=3, l=1$



$n=3, l=2$