

## JEET 5

1. PROBABILITY IS THE SQUARE OF AMPLITUDE, SO IT SHOULD BE 4 TIMES MORE LIKELY TO OBSERVE THE PARTICLE AT  $x_1$ .
2. THE ~~CONCEPT~~ EMPHASIS ON THE PARTICLE BEING THE "SAME" INDICATES THAT AFTER THE FIRST MEASUREMENT, THE WAVE FUNCTION HAS COLLAPSED AND  $p_0$  WILL BE THE MOMENTUM FOR ALL SUBSEQUENT MEASUREMENTS.