

**CL21\_Q1.** Compare the energy levels of the first three quantum states of identically sized finite and infinite potential wells.

**CL21\_Q2.** Why do finite square wells have only a finite number of bound energy values? What are the characteristics of bound energy values?

**CL21\_Q3.** A particle trapped in a finite potential well. Sketch the Eigen functions for first three energy states.

**CL21\_Q4.** Plot the first two states Eigen wave functions and the probability function for a particle in a finite potential well.