CL10_Q1. Describe an Eigen value equation explaining each term.

CL10_Q2. Write any five operators associated with dynamical variables.

CL10_Q3. Define Expectation value.

CL10_Q4. Determine the expectation value of position of a particle bound between *x=0 to x=3* and described by the wave function $\psi = 2\sqrt{x}$