Test-2 Syllabus

2.3 Basis and Dimension, 2.4 Inner Products and Hilbert spaces, 2.5 Eigen Values, Eigen vectors, 2.6 Hermitian and Unitary Matrices, 2.7 Tensor Product of vector spaces

3.1 classical deterministic systems, 3.2 Probabilistic systems, 3.3 Quantum systems, (Double slit expt with bullet), 3.4 Assembing systems,

4.1 Quantum states pg. 106 onwards.
4.2 observables
4.3 measuring
4.4 Dynamics
4.5 Assem