P.E.E. - Assignment Questions

UNIT-1

1. Explain the Step response of R-L-C series circuit?
2. Explain the transient response of an R-L series circuit?
3. Explain the transient response of an R-C series circuit?
4. Explain the transient response of an R-L-C series circuit?
5. Explain the initial conditions?
6. Solve all related problems.

UNIT-2

1. Write the impedance parameters?
2. Write the admittance parameters?
3. Explain the hybrid parameters?
4. Explain the transmission (ABCD) parameters?
5. Write conversions of one parameter to another parameters?
6. Write the conditions of Reciprocity and Symmetry network?
7. Explain the interconnection of two port network in series connection?
8. Explain the interconnection of two port network in parallel connection?
9. Explain the interconnection of two port network in cascade configuration?
10. Explain about image parameters?
11. Solve illustrative problems?