**DAILY ASSESSMENT FORMAT**

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| **Date:** | **03-06-2020** | **Name:** | **Neha T** |
| **Course:** | **Network Theory** | **USN:** | **4AL18EC035** |
| **Topic:** | **Initial and Final conditions**  **Two-Port Network** | **Semester & Section:** | **4th sem A sec** |
| **GitHub Repository:** | **Neha-T** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **A screenshot of a cell phone  Description automatically generated**  **A screenshot of a cell phone  Description automatically generated**  **A screenshot of a cell phone  Description automatically generated** |
| **Report – Report can be typed or handwritten for up to two pages.**   * **Evaluation of initial and final condition in RL, RC and RLC circuits** * **Initial conditions describe the energy stored in every capacitor and every inductor** * **Initial conditions are completely specified only when both voltage and current for all capacitors and all inductors is known** * **The final condition (steady state condition) equivalent circuit of an inductor is derived from the basic relationship v =L di/dt** * **Under steady state condition di/dt=0** * **This means v =0 and hence L acts as a short circuit at t = ∞ (final or steady state)** * **Procedures for evaluating initial and final conditions** * **Explained with some Numerical** * **2 port networks** * **Port – is a pair of terminals which connects the electrical circuit or network to the external circuit** * **Types** * **Multi-Port Network** * **Two Port Network** * **Any linear circuit with two pair of terminals can be regraded as two port networks, if it does not contain independent source and satisfies the port condition** * **Six different parameters can be defined for the two-port network** * **Z-Parameters** * **Y-Parameters** * **h-Parameters** * **ABCD or Transmission-Parameters** * **Inverse Hybrid-Parameters** * **Inverse Transmission-Parameters**   **All these parameters were explained with suitable numerical** |

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| **Date:** | **03-06-2020** | **Name:** | **Neha T** | |
| **Course:** | **Python** | **USN:** | **4AL18EC035** | |
| **Topic:** | **Build a Web-Based Financial Graph** | **Semester & Section:** | **4th sem A sec** | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Image of session**  **A screenshot of a cell phone  Description automatically generated**  **A screenshot of a social media post  Description automatically generated**  **A screenshot of a cell phone  Description automatically generated**  **Report – Report can be typed or handwritten for up to two pages.**   * **Build a Web-Based Financial Graph** * **Under this session** * **Overview of the output** * **Downloading Datasets with python** * **Stock Market Data** * **Stock Market Data Candlestick Charts** * **Candlestick charts with Bokeh Quadrants and Bokeh Rectangles** * **Candlestick Segments** * **Styling the Chart** * **The Concept Behind Embedding Bokeh Charts in a Flask Webpage** * **Embedding the Bokeh Chart in a Webpage** * **Deploying the Chart Website to a Live Server**   **Were discussed** | | | |