**DAILY ASSESSMENT FORMAT**

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| **Date:** | **1/6/2020** | **Name:** | **K Gaurav Shet** |
| **Course:** | **Network theory** | **USN:** | **4AL17EC023** |
| **Topic:** | **1.network terminology**  **2.basic circuit analysis**  **3.different types of matrix and its application** | **Semester & Section:** | **4th sem**  **‘A’ section** |
| **Github Repository:** | **Gaurav-shet** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Node: it is defined as that point in a network to which two or more circuit elements if connected, we call that point as node**  **Junction node: it is defined as that point in a network to which three or more ckt elements if connected, we call that point is junction node**  **Branch: it is defined as path in a network which traces from one junction point to the next junction point**  **Loop or mesh: it is defined as that closed path in a network which traces from one point to the same point**  **Branches current and mesh currents: branch current is a circuit is a current flowing through the branch whereas, the mesh current is a current flowing through all the elements of a closed loop or mesh**  **Node voltage: a node voltage is the voltage between any two nodes in a network** |