Date: 1/6/2030

Name: Sneha G

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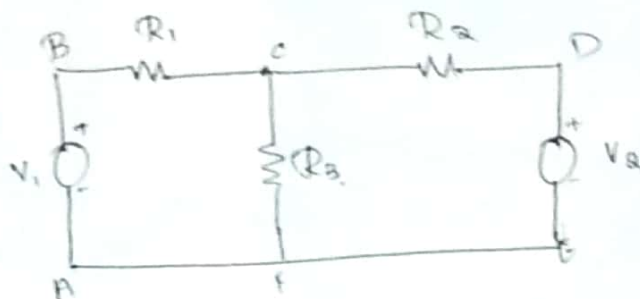
Course: Electrical Network Theory

Topic: Network Terminology

Report:

- Node: It is the point in network to which two or more circuit element are connected

- Junction Node: It is the point in the network to which three or more circuit elements are connected.

- Branch: path in network which traces from one junction point to other

- Loop or Mesh: It is the closed path in the network which traces from point to same point

- Branch current: It is the current flowing through the branch

- Mesh current: It is the current flowing through all the elements of a closed loop

- Node Voltage: It is the voltage b/w any two nodes in the network

In the above given circuit:

No. of nodes : 4

No. of Junctions : 3

No. of branches : 3

No. of independent loops : 4.

Course: Python   Name: Sneha. G

Topic: • Webscraping with python Beautiful soup
       • Interactive data Visualization with Bokeh

Report:

• Introduction to Bokeh
• Installing Bokeh
• First Bokeh Plot
• Plotting Triangles & Circle Glyphs
• Using Bokeh with Pandas
• Plotting Education data
• Note on Loading Excel files
• Plot Properties
• Plotting Weather data
• Visual Attributes
• Time series plots
• More Visualization Examples with Bokeh
• Plotting Time Intervals of Motion Detector

⇒ Webscraping:

• Section Introduction
• The Concept Behind Webscraping
• Request Headers
• Webscraping Example