**Electromagnetic Field Theory**

Assignment 1 (CLO1) Due Date: 28-9-2021

Marks:

**Question No. 1 (5)**

Discuss the inadequacy of circuit theory with an example showing the significance of electromagnetic field theory. [5]

**Question No. 2 (10)**

Given

Find the expression of unit vector B such that

* B is parallel to A.
* B is perpendicular to A if B lies in the xy plane.

