

Mini Test

B. Tech Ist Sem (Section G)

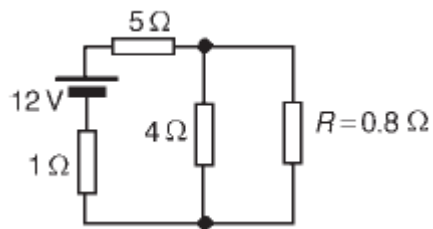
Date: 05.01.2022

Max^m Marks:10

Sub: BEEE

Sub Code: EE - 108

- (1) Define Norton's theorem. How it is applied ? [2.5]
- (2) What is Superposition theorem, explain with circuit diagram [2.5]
- (3) For the network shown in Figure determine the current in the $0.8\ \Omega$ resistor using Thevenin's theorem. [2.5]



- (3) For the circuit shown in Figure , find using the superposition theorem current flowing in and the pd across the $18\ \Omega$ resistor. [2.5]

