





G<sub>2</sub> SLOT

## SCHOOL OF ELECTRICAL ENG

Programme:- B.Tech.

Course :- Basic Electrical & Electronics Engineering

Time: 11/2 hours.

Course Code:- EEE-1001

Semester :- Win -(19-20)

Max. Marks: 50

Anguar all O

Answer all Questions (5×10=50 I		(ONLO SO MAIKS)	
1.		Join VIT Question Papers on Telegrar	n
2.	a.	Distinguish between 'mesh' and 'loop'	Marks [2]
	b.	Find the various branch currents for the circuit shown in figure-1.by using mesh analysis. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
2		Figure-1	[8]
3.		Find the magnitude of current for the various branches in the circuit shown in figure-2 by using nodal analysis method. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
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