

ABES Engineering College, Ghaziabad Department of Electrical & Electronics Engineering

Session: 2023-24 Semester: II Section:

Course Code: BEE201 Course Name: Fundamentals of Electrical Engineering

Tutorial Sheet-1

Topic: DC Circuits

Q. No.	KL	CO	Question	Ans.
Q-1	К3	CO3	Calculate the current in 6 Ω by using mesh analysis method.	
			$\begin{array}{c c} & & & & \\ & & & & \\ & & & & \\ & & & & $	$I_{6\Omega}$ =5A
Q-2	К3		Using Mesh analysis, find current in 1 Ω resistor in the circuit shown in figure below:	I _{1Ω} = 4A
Q-3	К3	CO3	Calculate the current in 100Ω by using mesh analysis method. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	I _{100Ω} =0.169A



