Quiz I set B BRAC University

Semester: Spring 2024

Course No: CSE251

Course Title: Electronic Devices and Circuits

Faculty: AGS

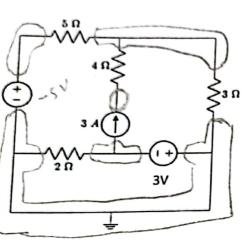
13

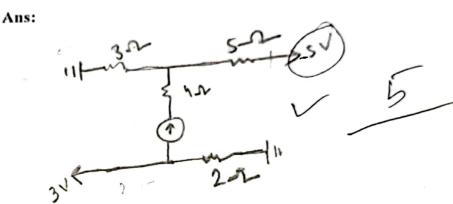
Marks: 15

Time: 20 minutes



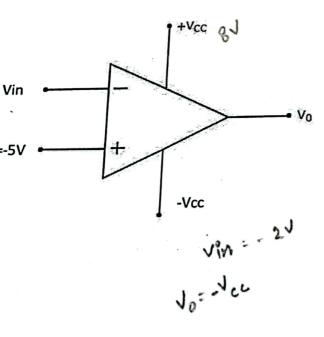
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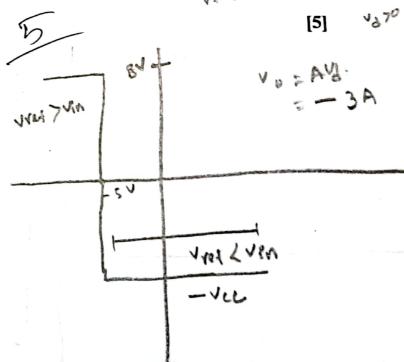




2. **Draw** the Voltage Transfer Characteristics (VTC) of the following Op-Amp (CO1) where +Vcc= 8V [Hint: Draw V₀ vs Vin]

What is the value of V_0 if Vin=-2V





3. Implement the following function using inverting op-amps: (CO3)

f = -(3x - 7y)

[Hint: Inverting Summer/Adder]

