

# **ELECTRONICS LABORATORY**

## **PART 9 EXPERIMENTS**

**Assoc. Prof. Serhan Yarkan**

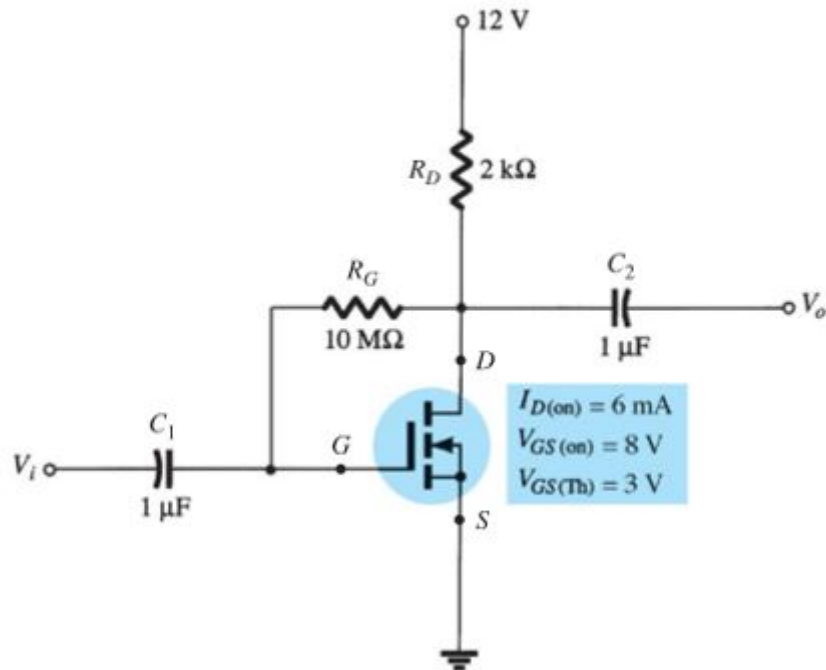
**ISTANBUL COMMERCE UNIVERSITY**

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## EXPERIMENT 9.1

**EXPERIMENTAL PROCEDURE:** Make the circuit connections and apply energy to circuit.

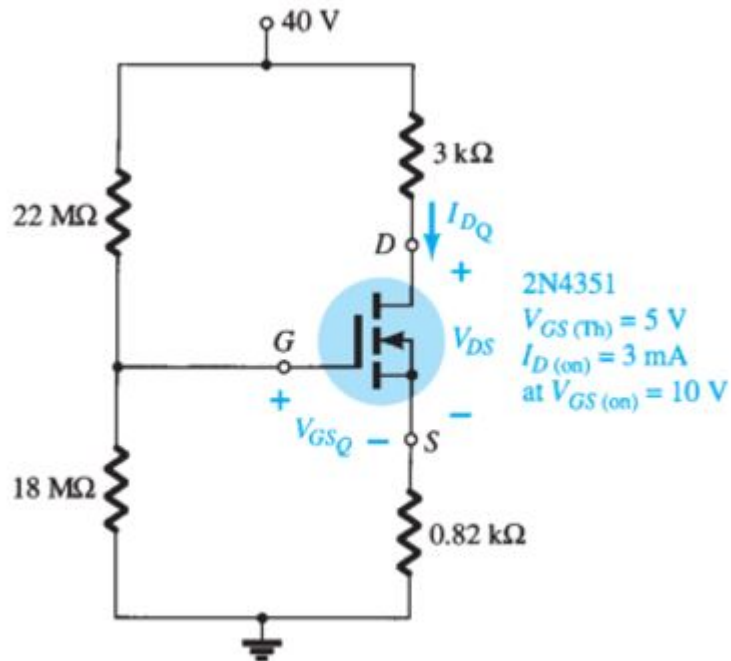


**Figure 9.1**

- 1-** Determine  $I_{DQ}$  and  $V_{DSQ}$  for the enhancement-type MOSFET.

## EXPERIMENT: 9.2

**EXPERIMENTAL PROCEDURE:** Make the circuit connections and apply energy to circuit.

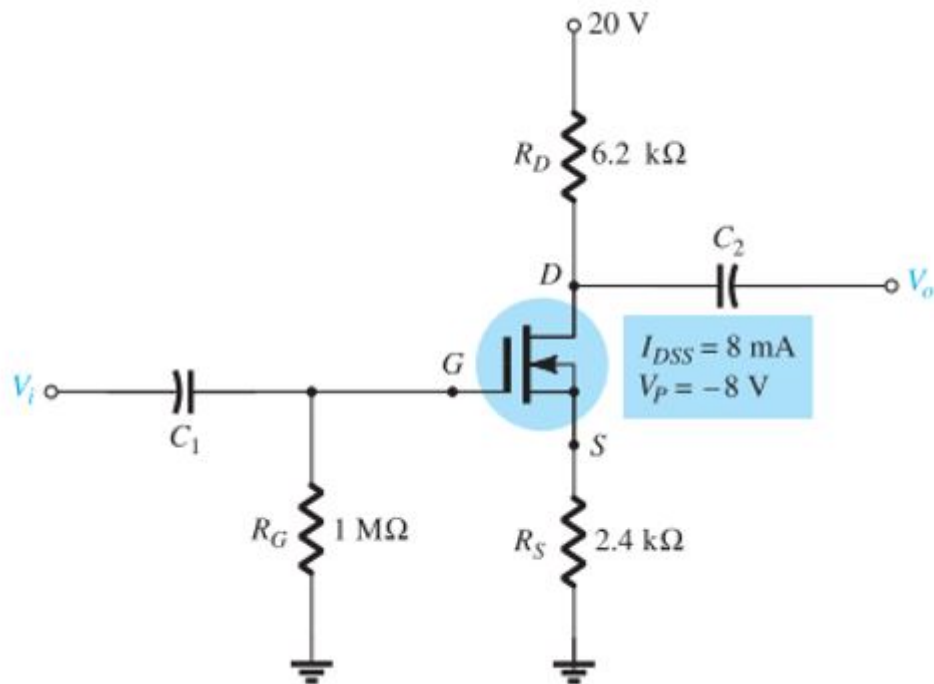


**Figure 9.2**

**1-** Determine  $I_{DQ}$ ,  $V_{GSQ}$  and  $V_{DS}$  for the network.

## EXPERIMENT 9.3

**EXPERIMENTAL PROCEDURE:** Make the circuit connections and apply energy to circuit.



**1-** Determine  $I_{DQ}$ ,  $V_{GSQ}$  and  $V_D$ .