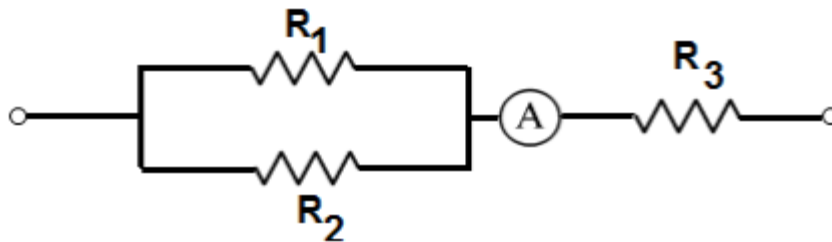


1. Measure of rate of flow of electric charges through an electrical conductor is known as

- A. **electric current**
- B. electrical charges
- C. electric cell
- D. electric circuit

2. Two resistors $R_1 = 6 \Omega$ and $R_2 = 12 \Omega$ are connected in parallel to each other and in series to $R_3 = 2 \Omega$. An ammeter measures an electric current of 3 A flowing through resistor R_3 . What is the current in 12Ω resistor?



- A. 6 A
 - B. **1 A**
 - C. 3 A
 - D. 5 A
3. Which of the following is a valid instruction that contains a source memory operand?
- A. MOV [DI], [SI]
 - B. **MOV BX, [SI] + 0006H**
 - C. MOV [DI], AX
 - D. MOV BX, AX