Question 03

(c) A low voltage supply from which one needs high currents must have very low internal resistance. Why?

Answer 03

(c) According to Ohm's law, the relation for the potential is $V = IR$

Voltage (V) is directly proportional to current (I).

R is the internal resistance of the source.

$$I = \frac{V}{R}$$

If V is low, then R must be very low, so that high current can be drawn from the source.