

**Essentials of MOSFETs:**  
**Lecture 1.4: MOSFET Device Metrics**

**Short Problem**

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Given that the power supply voltage is  $V_{DD} = 1.0$  V, answer the questions below.

- 1a) For the MOSFET IV characteristic below, what is on-current?
- 1b) For the MOSFET IV characteristic below, what is the output resistance?

