

## Quiz 5—BOD

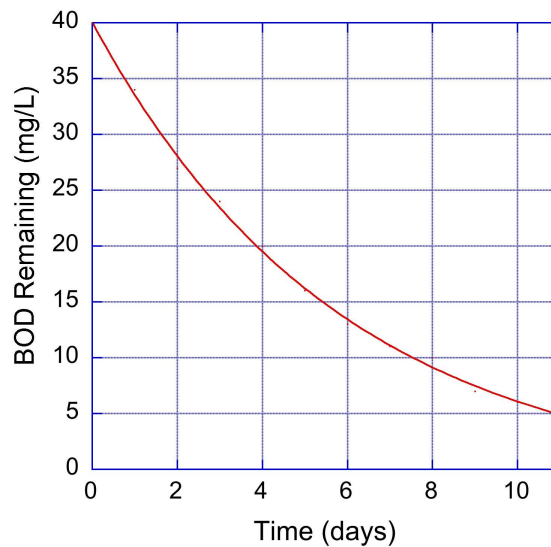
CENG 340—Introduction to Environmental Engineering

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**Name:**

The figure below shows a plot of BOD remaining versus time taken from a wastewater treatment plant. The data came from a BOD test which was run at 20 °C with a total sample size of 200 mL. In other words, the test was run in a 200 mL BOD bottle.



1. What is the ultimate BOD ( $L_0$ )? [2.5 pt]
2. What is  $L_5$ ? [2.5 pt]
3. How much oxygen (in mg/L) was consumed during the first 5 days of the BOD test? [2.5 pt]
4. How much oxygen (in mg) was consumed during the first 5 days of the BOD test? [2.5 pt]