
PRACTICE CLASS ASSIGNMENT 0

DEADLINE AUGUST 6, 5 PM

1. For a biology experiment, a generator needs to deliver a current of 237.7 ampere as constantly as possible. The lab technician is asked to test two different generators, more specifically generator A and generator B. After 20 tests, generator A is found to deliver an average flow of 237.7 ampere, with a calculated standard deviation of 9.1 ampere. After 22 tests, generator B is found to deliver an average flow of 237.7 ampere, with a calculated standard deviation of 11.1 ampere. With a significance level of 5%, can this technician conclude that generator A is better than generator B?