## Quiz 4 Re-grade

For Quiz #4, two of the five questions referred to question #1: For a PN diode of Si, the donor concentration is  $10^{16}$  cm<sup>-3</sup> and acceptor concentration is  $10^{17}$  cm<sup>-3</sup>. Find the total Width of the depletion region in (µm).

However, since the order of the questions were randomly assigned, it could have been confusing to students who answered the two questions wrong because question #1 could have been another question rather than the question above. Since, this is the case. Your Quiz 4 grade will be based on the three questions which did not refer to other questions.