

Feedback for EEE207 Session:2006-2007

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

Students did quite well overall and seemed to have benefited from doing the past year examination papers and tutorial questions.

Question 1:

This was a standard question, broadly similar to that of previous years, so most people did quite well. Few people got full marks as they did not quite realise that they had to work out the hole concentration when compensated before determining N_A .

Question 2:

The first part was descriptive from the lecture notes and many students failed to get full marks as they did not provide all that was asked for. The calculation of the QW dimensions seemed fairly straightforward but few got the last part exactly correct.

Question 3:

Very few people gave the expression for g_m correctly, suggesting that they did not read the question properly, so lost a few marks. Very few managed to get the value of the load resistor correctly, although most seemed to know how to start the question correctly.

Question 4:

This question had sections that were similar to those in previous years, so quite a few students managed to get very high marks, even in the difficult final section, where effective masses had to be calculated.