

Examination Feedback for EEE305– Machine Design
Spring Semester 2014-15

Feedback for EEE305 Session: 2014-2015

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:

The overall difficulty of this exam is average, some of the exam questions have been used as examples during tutorials or in the past exam papers, but there are still quite a few students failed to answer them. The students could do much better by reading through lecture notes, practicing using tutorial examples and previous exam papers.

Question 1:

This question should be quite easy because the derivation of torque and maximum energy product of magnets have been introduced in lecture notes, however, the overall mark of this question is not great. This is mainly due to lack of understanding of lecture notes.

Question 2:

Very few students have high mark for this one, most of students failed to understand the difference between single layer and double layer windings, however, this has been repeated many times during lectures.

Question 3:

This question is very similar to the one used in one of our tutorials, some students did very well because they have practiced using the tutorials, others did badly. Students should take advantage of resources such as lecture notes, tutorials and past exam papers.

Question 4:

Similar question has been used in previous exam paper, however, only a few students got high mark for this one. It seems like students have lots of difficulty for open-ended questions such as discuss the main advantages of single layer windings, etc.