

Examination Feedback for EEE206 – Communication systems
Spring Semester 2011-12

Feedback for EEE206 Session: 2011-2012

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:

Question 1:

This question was answered poorly in general. Lack of knowledge of the ccts that can be used to generate AM was a big problem.
Students did not calculate the modulation index of the system well at all, which was surprising as this question was very similar to a tutorial question and the method had been discussed in the lecture notes.

Question 2:

Generally answered ok by the majority.
Main faults were a lack of cct knowledge and some students were confused over how to calculate power in an FM system using Bessel functions

Question 3:

Generally answered ok by the majority.
Main flaw was in the concept of how to generate a PPM signal, many did not attempt this part even though it was worth 10 marks.

Question 4:

Majority of students answered this well.
Main flaw was in not reading the question correctly and having the LO frequency lower than the RF frequency. Also, the final question asked for ALL IFRR and most people only gave 1.