

Examination Feedback for EEE6222 – Communication Principles
Spring Semester 2014-15

Feedback for EEE6222 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 performance is satisfactory. Of 77 students, 35 chose the first question, 74 chose the second question, 75 chose the third one, 73 chose the fourth one, 14 chose the fifth one and 37 chose the sixth one.

Question 1:

For a, the main problem is the second question, i.e. how to achieve the channel capacity in practice.
For b, the main problem is the condition, which should be C/B goes to zero, instead of B going to infinity.
For c, this is one of the most difficult questions and most of the students do not know how to answer it correctly.

Question 2:

For a, many student get confused with this question and gave an answer related to the correlation receiver.
For b and c, most of the students gave the correct answer.

Question 3:

This is the easiest one and many students got a full mark for this question.

Question 4:

The main problem is to draw the circuits to generate the PN sequence and how to explain why the RSA algorithm works.

Question 5:

This set of questions is very difficult and only 14 students chose it. Question 5.a is easy and most students gave the correct answer, while 5.b is a bit more difficult and 5.c is the most difficult one.

Question 6:

The main problem is 6.b (iii) and all the students struggled to give the proof for the general case of (ii).