

Feedback for EEE317 Session: 2015-2016

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:

- a- Most common mistakes here are explaining run length encoding or the difference between lossy and lossless coding.
- b- Several students made the mistake of explaining the regeneration in digital communications.
- c- and d- have been answered correctly by most students.

Question 2:

- a. Has been answered correctly by most students.
- b. A common mistake is not plotting the required diagram that has been requested.
- c. Few students could not plot the state diagram correctly.
- d. Although most of the students have defined the properties correctly, almost no one has continued with the solution to calculate and plot the entropy.

Question 3:

- a. Has been answered correctly by most students who attempted this question.
- b. Most common mistake is explaining what is meant by fast frequency hopping instead of answering the specific point of the question.
- c. Many students made a mistake by explaining synchronization of spread spectrum systems.
- d. A common mistake here is describing the operation of a particular matched filter type.

Question 4:

- a- and b- Have been answered correctly by most students.
- c- Few students explained DSSS systems in general without considering the spreading of a particular data sequence.
- d- Although this has been answered correctly by most students, few missed various parts of the solution such as not stating the equation, plotting the constellation or circuit diagrams.

Question 5:

Question 6:

Question 7:

Question 8: