

5GN-5106

MULTIMEDIA SYSTEMS AND COMMUNICATIONS EXAM TOPICS

Please mark in the beginning if you completed exercises for the course and when.

1. What is CDMA modulation and why it is good for multimedia applications in mobile cellular systems?
2. Compare circuit switching and packet switching for multimedia streaming
3. Describe what are the RTP/RTCP protocols are how they are used for improving multimedia data transfer in IP networks.
4. Data organisation in MPEG-4 standard.
5. Explain the meaning of 4k, time slicing, MPE-FEC in mobile TV based on the DVB-H standard.
6. What is media server and how its design is different from standard file server?

Answers are welcomed in Finnish or English.

THE QUESTIONS ARE GRADED FROM 0-5 POINTS. THE GRADES ARE ASSIGNED AS FOLLOWS:

<14p. - 0
15-16p. - 1
17-19p. - 2
20-23p. - 3
24-27p. - 4
28-30p. - 5

IREK DEFÉE