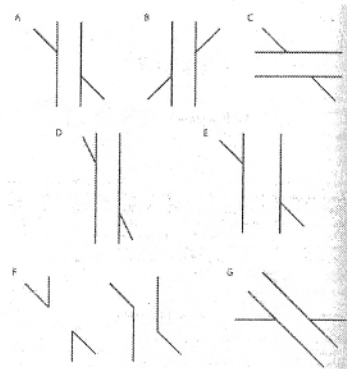# MULTIMEDIA SIGNAL PROCESSING
EXAM TOPICS
21.3.2006

1. EXPLAIN BASIC ASPECTS HOW BIOLOGICAL INFORMATION PROCESSING WORKS

2. WHY METHODS FROM BIOLOGICAL SYSTEMS ARE NOT TO PROCESS INFORMATION IS COMPUTERS

3. EXPLAIN THE ROLE OF STASTICAL INFORMATION IS IMAGES AND HOW IT CAN BE MEASURED.

4. HOW ONE CAN EXPLAIN THE REASON WE SEE SUCH VISUAL ILLUSION:

5. DESCRIBE THE PRINCIPLES OF MPEG-7 STANDARD

6. HOW DISCRETE CSINE TRANSFORM CAN BE USED IN WATERMARKING?

You can answer 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