

## questions

*codecs and standards*

1. (\*) What role do standards play in *multimedia*? Why are standards necessary for compression and delivery. Discuss the MPEG-4 standard and indicate how it is related to other (possible) standards.

*concepts*

2. What is a *codec*?
3. Give a brief overview of current multimedia standards.
4. What criteria must a (*multimedia*) *semantic web* satisfy?

*technology*

5. What is the *data rate* for respectively (*compressed*) voice, audio and video?
6. Explain how a *codec* functions.
7. Which considerations can you mention for choosing a compression method?
8. Give a brief description of: XML, MPEG-4, SMIL, RM3D.