1.	The resolution measures:
	☐ the audio quantity
	☐ the audio quality
	☐ the video quantity
	☐ the video quality
2.	The sampling measures:
	☐ the audio quantity
	☐ the audio quality
	☐ the video quantity
	☐ the video quality
3.	The quantisation measures:
	☐ the audio quantity
	☐ the audio quality
	☐ the video quantity
	☐ the video quality
4.	The bit depth measures:
	☐ the audio quantity
	☐ the audio quality
	☐ the video quantity
	☐ the video quality
5.	The file size reduction from 4:4:4 sampling to 4:2:0 subsampling is:
	□ 1⁄ ₄
	□ ½
	□ ½
	□ ³ ⁄ ₄
6.	By choosing a sampling rate of 96 kHz rather than 48 kHz we get:
	☐ same size and double information
	☐ double size and double information
	□ same size and same information
	☐ double size and same information

7.	By choosing a bit depth of 12 per channel rather than 8 we get: □ 50 % bigger files and 50 % better quality □ 1600 % bigger files and 50 % better quality □ 50 % bigger files and 1600 % better quality □ 1600 % bigger files and 1600 % better quality
8.	A typical lossless compression rate is: 1.5:1 2:1 2:1 3:1
9.	The current Bayer sensors only generate an incomplete RGB image: 1/3 red, 1/3 green and 1/3 blue 1/2 red, 1/4 green and 1/4 blue 1/4 red, 1/2 green and 1/4 blue 1/4 red, 1/4 green and 1/2 blue
10.	The steps for file format transformations are: □ decode → demultiplex → filter → multiplex → encode □ demultiplex → decode → filter → multiplex → encode □ demultiplex → decode → filter → encode → multiplex □ decode → demultiplex → filter → encode → multiplex
11.	Digital video is based on the following colour model: □ R'G'B' □ Y'UV □ Y'IQ □ Y'C _B C _R
12.	The raw video data format "rgb48le" can hold the same image quality as: yuv422p10le yuv444p16le bayer_bggr16le rgb24