Lesson 3

Introduction - Digital Audio Basics

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is the number of measurements taken from an an	
one second. (iii this lesson in this manual)	alog signal in
2. When we allow frequencies that are twice our sample rate to enter the sampling process, we get <u>a lime frequencies</u> or sounds that are actually harmonic distortion. (page 206)	
is the way Digital Audio Workstation (D.A.W.) records t component of the digital recording or sampling process. (page 203)	he volume
is applied to the process to reduce quantization errors and increase in noise and/or fuzziness that could creep into a bitstream to n sound more natural. (Page 208-209)	nake it
5. List and explain in detail the Nyqist theorem. (page 205)	
The basic theory of digital audio is processed, stored, and reproduced over the use of a	
8. When we rip a CD to MP3, we reduce the size percent. (page 26, R Connection Workbook)	
The regards to sampling, the Nyanist Theorem stated in order for frequencies to be accurately to into the digital domain thingst have twice the rate as the highest frequency as too availables or harmonic distortion (frequencies than exist originally)	2 ting