

Appendix 2

Sample of a Learner's Annotations

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Session 8

**Noise Pollution (cause and effect)** Azadch Etehadieh, December 3, 2014

Noise is one of the major threats to the quality of human life. During the last twenty years there has been increasing concern with the quality of the environment. Along with air and water contaminants, noise pollution has been recognized as a serious pollutant. Noise pollution may be defined as unwanted & unpleasant sound that brings discomfort to human beings. No one can escape from the noise which is known as uncoated sound. Noise is very harmful and it has certain effects upon human beings which are, direct physical or physiological and also psychological. In general, noise originates from nature or human. Accordingly, there are two generic types of noise pollution, namely natural and man-made.

**Sources of noise pollution**

Nature is identified as a source of noise pollution, but this type of noise is less annoying. Thunder, firelight, typhoon and hurricane are instances of noise which are born of nature. High intensity sound or noise pollution is caused by many machines man has invented during his technological advancement. The main source of noise pollution is transportation systems especially motor vehicle. The other sources are aircraft noise and rail noise or even ships and motorboats. Noise pollution may be caused by many industries. Noise is harmful to public; it also damages the hearing power of about 20% of workers in the industries. Maybe it is wondrous to know that neighborhood is another fountainhead of noise that is sometimes persecutor. Neighborhood noises are those noises which are produced from house hold gadgets and community. Musical instruments, like TV, VCR, Radio, AC, Fans, Mixers, Grinders etc.

**Effects of noise pollution**

The effect of noise on health depends on both, loudness and frequency. Due to heavy industrialization, exposure of high level of noise gives rise to stress factor in modern life. Noise pollution may leads to many hazards. Noise pollution can affect human beings in two ways:

**1) Physical or Physiological Effect of Noise**

Noise affects human health very much. It affects the contraction of blood vessels and it also causes the skin to get pale. Further, noise is found to increase the level of cholesterol in the blood, to increase blood pressure, and to cause headache. Noise impact on the efficiency of body; damage of heart, brain, kidney, liver and emotional disturbances are type of diseases caused by noise pollution. In human, hearing loss symptoms are developed due to prolonged exposure to high pitched noise. There is clear evidence now that the hair cells of organ of inner ear can be permanently damaged if they are subjected repeated

do you have checked the use of uncoated sound?

Commented [a1]: I mean which their source are nature, is it correct?  
 which are formed in nature created which are found in nature

Commented [a2]: How can I write it better?  
 It is also interesting to know that some times annoying noise pollution is the kind of noise produced by your neighbors such as the loud music & children's playing.

Commented [a3]: Which word can be used instead of noise?  
 Unwanted sound unpleasant sound