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AFFECTION OF E-WASTE ON HUMAN HEALTH
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Introduction. E-Waste or more commonly Electronic Waste is one of the most hazardous waste on planet Earth. It means discarded electronic wastes which are no more important or maybe are not useful. It particularly consist of damaged cables, wires, electric chargers, damaged cell phones etc. Used electronics, which are destined for recycling, resale, reuse, salvage or disposal, are also considered E-Waste.

Aim. to know what are the effects of E-Waste and are they hazardous or not and are they biodegradable or not. In addition, to analyze its affection on human health.

Materials and methods. People perform Refurbishing, Recycling, and Disposal of E-Waste to check whether or not after these methods the devices produces any kind of waves or hazardous matters. It was found, that E-Waste contains both hazardous and non-hazardous substances in their components. Globally E-Waste generation is estimated at 20-50 million tons annually. E-Waste is fastest growing source of waste on earth. Hazardous substances like Plastics, lead, mercury, cadmium, arsenic, etc. pose hazards to human being. Even the people engaged in recycling and recovery from E-Waste severely affected with chronic or acute disease. Electronic waste affects almost all systems of the human body because it contains many toxic components, including Lead, Mercury, Cadmium, Polybrominated Flame Retardants, Barium and Lithium. In Guiyu (Shantou region, China) is a practice in which 50% of recycled or dumped E-Waste is sent to China for its reuse and rest of it is sent worldwide. One most important fact to know is that E-Waste might also include nuclear waste, which can emit nuclear radiations, which are dangerous for human if entered through the tissues. Moreover Cathode ray tubes leads to Lead, barium and other heavy metals

leaching into the ground water and release of toxic phosphorus which lead to many waterborne problems.

Results. From the material described above we can say that E-waste are not biodegradable they are infact toxic even if they are recycled and disposed. The best way to prevent any hazardous problems is by do not throwing E-Waste as trash better give it for recycling and find good E-Waste recycler like staple stores. Separate the metallic and non metallic part and try to reuse most of the parts.

Conclusion. So the best thing you can do is separate metallic part of the object and use it and don't perform incineration of E-Waste because it can lead to worse air pollution and it will increase level of harmful gases in the environment. Hence beware of all the waste you throw because its going to be dangerous for yourself only and try to recycle the most you can.