[Name of the Writer]

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[Subject]

[Date]

UNNATURAL CAUSES: IS INEQUALITY MAKING US SICK?

**Question Number 1**

 The study of Whitehall reveals the connection between health and wealth in different ways. The ability to eat healthily is reliant on the ability of the financial status; this means more the wealth more would be the health inclinations. Therefore, the status of wealth directly impacts the mortality rate. According to the video it relates to the higher rate of disease with a lower level of employment. The health-wealth gradient focuses that people with higher income and education have a higher rate of life-expectancies than those people who have the opposite rate. There is a constant slope shown in the bar graph which starts from the wealthiest to the least wealthy, such that people who are able to afford good healthcare and food, tend to live a longer and healthier life.

**Question Number 2**

When the stress occurs in triggers the part of the brain responsible for adrenaline hormone and cortisol are released through the immuno-response system. As the stress level is continued for a longer period of time it produces cortisol in excessive amount, this impairs the immunity functioning. Cortisol impacts the wellbeing of an individual by inhibiting the memory. It also shrinks the certain areas in the brain which are involved in memory activities. It decreases the ability of the body to handle the levels of insulin and glucose. The incapability of cortisol which includes the mishandling of insulin and glucose is among the main causes of heart diseases. Generally, the causes of chronic stress are the accelerating agent for aging and other highly impacting diseases. It also increases the risk of diabetes due to insulin mismanagement.

**Question Number 3**

 As a CEO, Jim Taylor is obliged to provide responsibilities and decrease strain at the workplace, he is not worried about his financial condition, and is able to take vacations, and eat healthy and nutritious foods. He has accessibility to the medicine and healthcare that he may avail when he gets of age. The chronic stress is less in his life; therefore he along with his friends is able to afford an extended projected span of life. Whereas Tondra Young who is the lab supervisor is indebted to student loan and a mortgage but is able to afford a life of an average-class, maybe she is dealing with a little more stressful life than the CEO, this marks her projected lifespan smaller marginally. The next person is a Janitor, named Corey Taylor. He lives in a criminal neighborhood, where he cannot afford the homeownership; therefore he lives through one paycheck to the other. He is often concerned about any uncertainty happening to him and his wife. He is dealing with hypertension and is going through chronic stress, hence it makes his projected life prospect understandably undersized than Jim’s and Tondra’s. Mary goes through the high level of chronic stress in her group, and she lives in a very poor locality. She is not able to make changes in life, as she is malnourished, thus living with severe health issues. She has a nine years shorter life expectancy than those who are the top of the ladder.

**Question Number 4**

 The health outcomes are affected by the race due to the reason that people who are considered from the lower race are situated in the poorer parts of the society and they are not given access to the wealthy and healthy side of the town. Therefore, it hugely and adversely affects the health outcomes of the people from the lower and poorer sides of society.

**Question Number 5**

The comparison between data shows that the higher death rates are located towards the west side of the town. The lowest life expectancy is in the west which is known as the poorest town, and the wealthy neighborhoods are towards the east. This depicts that the health of the population is related to premature death or excessive deaths. Further north and east parts of the town are the wealthiest localities and these districts have lower disease rates.