

ESSAY (TEST #3).

"Over population is a myth . . .
. . . potential shortages".

OUTLINE:

1. INTRODUCTION:

- Attention grabber.
- Background information.
- Thesis statement: Overpopulation is an old rhetoric under which many other problems exist. If the world uses natural resources and technological innovations wisely, these issues can be cubed.

2. OVER POPULATION: A MYTH FOR THE WORLD:

- 2-2. Germany and Italy are having declining birth rate.
- 2-2. Food production surpassing population growth rates.
- 2-3. Resource mismanagement not scarcity.

3. CURBING THE ISSUE OF OVERPOPULATION:

- 3.1. A lot of land still underutilized.
- 3.2. Abundance of resources not used properly.
- 3.3. Urbanization and lack of proper land use.

4. TECHNOLOGICAL INNOVATIONS SOLVING POTENTIAL SHORTAGES:

- 4.1. Renewable energy replacing non-renewable energy.
- 4.2. Countries using technology to achieve food security.
- 4.3. Biotechnology and lab-grown food.

5. POPULATION AS AN ASSET, NOT A BURDEN.

- 5.1. Young skilled labour driving economic growth.
- 5.2. Contribution of growing population to innovation and technological advancements.
- 5.3. How India and China leveraged their population for economic growth.

6. EVIDENCE OF TECHNOLOGICAL SUCCESS IN FOOD SECURITY:

6.1. Case study of Netherland and Israel.

7. RECOMMENDATIONS AND SOLUTIONS:

7.1. Focus on resource distribution.

7.2. Investment in education and health care.

7.3. Rethinking urban planning.

7.4. Substantial development goals.

8. CONCLUSION:

8.1. Summary of key points.

8.2. Final thoughts.

8.3. Closing statement.

ESSAY:

Neil Tyson an American astrophysicist rightly said, "If humans have the power to turn another planet into Earth, then humans have the power to turn Earth back into Earth". Overpopulation

is a term first coined in mid 18th century. The meaning of overpopulation is the number of people exceeds the resources available to sustain

them. The population of Earth is currently 8.2 billion and is increasing every day, but overpopulation is not the main issue but a myth.

Overpopulation is an old rhetoric under which many other problems exist. If the world uses natural resources and technological innovations wisely, the real issues that come under the term of overpopulation can be curbed. Overpopulation is a myth perpetuated by misconception, misinterpretation of data, and fear mongering.

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To begin with, Overpopulation is myth for not only some countries but for the world. The issue of overpopulation is a myth as compared to other issues but because of lack of proper governance and planning, it is growing. Firstly, the countries that are developed are facing declining growth rate, these countries include Italy, Germany and Japan. The declining growth rate is an urgent issue that has to be solved. Because of this issue many other issues like economical decline are faced by these countries.

Secondly, since the 1960s the food production per capita has increased by over 25% despite the fact that the global population has doubled. This makes it evident that with increasing population the means of production and the issue of scarcity of food are decreasing.

Third, ~~comes~~ the issue is not of scarcity but of poor governance by the leaders. Resource

mismanagement is an issue faced by almost every developing country. If the issue of mismanagement is curbed then overpopulation will automatically seem a smaller issue. Since the inception of the term overpopulation, it has been displayed by fake facts and figures leading to building the perception of humans that overpopulation is the biggest threat.

In addition, comes the issue of mismanagement. A lot of the land is still underutilized by human and some is not even used. About 50% of the land on Earth is utilized by humans while the remaining 50% remains unutilized. If this land is properly utilized then many issues could be minimized. Small countries are overpopulated and face issues relating to overpopulation but if humans use the land wisely, the issues of overpopulated and areas densely populated will be solved. Out of the total of 100% areas

10. r. areas is not yet lived on by humans. This is because the population is focused into the centers. The population needs to be dispersed by the government. ^{Moreover,} God has gifted Earth with abundance of resources that are not yet been discovered. Recently in Pakistan a gold reserve worth of 28 lakh tola was discovered but the case in point is whether if the government would benefit from this resources. Third, urbanization and lack of proper planning also adds to the issue of overpopulation. Urbanization is the migration of families from rural areas to urban areas. because of the lack of proper development, health care and education. The government needs to address all these issues as they lead to people thinking that overpopulation is a threat.

Collection

The dawn of 21st century, brought along with it many new innovations. These new innovations made many big issues seem very small for humans. First, the issue of decreasing non-renewable sources like oil and gas have been solved by humans. The use of renewable solar like solar and wind energy have solved the issue of potential shortages. In Pakistan, according to WAPDA (water and power development authority) almost 7000 - 9000 Mega watt electricity is produced through solar energy. This solved reduced power shortages in many cities of Pakistan. Secondly, India has been using utilizing technology to revolutionize its agriculture sector, ensuring food security for

its masses. This not only increased productivity but also improved income for farmers. China has also adopted advanced technology to sustain its large population by the use of Artificial intelligence and smart farming. Along with this, Biotechnology involves using biological systems, organisms or derivatives to develop or enhance agriculture and food related process.

In a nutshell, Overpopulation is not a present day reality because the Earth is filled with resources if used wisely can solve many issues. Overpopulation is a myth driven by fear, mismanagement and inequality. Humans have the ability to adapt to challenges. Humans

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collectively should shift their focus from population control to resource management and sustainable development. The myth of overpopulation must be debunked to prioritize real issues and create a just, sustainable future for all.