

<b>Topic 187</b>	Overpopulation if unchecked will bring about the destruction of this planet. What can be the ways of controlling this problem? Use specific reasons and details to support your answer.
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<b>1. Brainstorming</b>
<p>Elon Musk Terraforming : migration to Mars</p> <p>internet uploading memory</p> <p>policy incentives to people</p>
<b>2. Outlining</b>
<ul style="list-style-type: none"> <li>• Introduction <ul style="list-style-type: none"> <li>- people's tendency to get babies</li> <li>- people coming up with different ideas</li> <li>- Opinion : Terraforming, policies, and uploading</li> </ul> </li> <li>• Body <ol style="list-style-type: none"> <li>1. Terraforming <ul style="list-style-type: none"> <li>- massive migration</li> <li>- division of population -&gt; no concern about overpopulation</li> <li>- CEO : Elon Musk, Jeff Bezos / NASA</li> </ul> </li> <li>2. encourage through policies <ul style="list-style-type: none"> <li>- allurements : guarantee advantages over having babies</li> <li>- economic incentive, improvement of convenience, etc</li> <li>- ex : my relative determined not to have a baby</li> </ul> </li> <li>3. uploading memories <ul style="list-style-type: none"> <li>- lower use of human body -&gt; secure more space</li> <li>- prevent side effect : no food, pollution of environment</li> </ul> </li> </ol> </li> <li>• Conclusion <ul style="list-style-type: none"> <li>- emphasis</li> </ul> </li> </ul>

### 3. Essay Writing

With enhancements of conditions in terms of economy and convenience of life, people's inclination to endure burdens of nurturing offspring have correspondingly increased, becoming the main factor of overpopulation. Since leaving it to be exacerbated are likely to result in devastating circumstances in the nearby future, people, especially professionals, keep coming up with a variety of different ideas and effective solutions. From my perspectives, moving to other inhabitable planets, providing incentives for ceasing reproduction, and saving people's mind in a digital form are some probable solutions.

First and foremost, by exploiting 'Terraforming', a technology to alter conditions of planets from sterile to lively state, massive migrations to other planets become possible. Through division of total population of Earth to several other planets, the humanity will no longer concern about overpopulation issues. In reality, a number of renowned CEOs who are interested in space exploitation, including Elon Musk and Jeff Bezos, for example, are pioneering in researches on Mars and Moon, and are interested in transforming a planet to inhabitable environment. NASA, a national space agency of the U.S is also engaging in analyzing both celestial bodies. Since each of the businesses have shown unbelievable progress on developments pertinent to space technologies, it is very likely that by the time the population gets saturated, the technology will be advanced enough to conduct such large scale of migration.

Second of all, government of every nation can restrict the increasing rate of reproduction through policies that encourage people not to get babies. In order to succeed, it must include allurements that guarantees people more advantages than nurturing babies. This can be economic incentives, improvements in life expedience, or other welfare providing policies. For instance, after the termination of 6.25 war in Korea, baby boom era arrived, during which the government was striving for limiting the population. In fact, at that time, one of my past kins were considering whether to get a baby or not, and due to the allurements of a policy that people who give up their offspring will be given a considerable amount of money, she ultimately determined not to leave a descendant. This sheds light on the fact that government's regulation of breeding through several measures is effective and seductive enough to prevent people from laying more babies, eventually dealing with overpopulation.

Last but not least, uploading certain people's memory to the cyber environment in a digital form is also one of the possible methods. If this is applied to a

significant rate of people, they will not need their body anymore. This may secure more space for previously congested regions and preclude other side-effects of overpopulation such as a shortage of provision and contamination of natural environments from occurring. Had it not been for

To sum up, the overflow of population can be dealt by conjugating 'Terraforming' technology, diminishing reproducing rate, and moving people from reality to cyber. If these methods are not practiced, the humanity will eventually encounter such catastrophic moments, in which strife and chaos will be prevalent among people for desperate survival. Managing not to follow such ways is a curse rather than a blessing.

#### **4. Speaking**

##### **1. Terraforming**

- enable massive migration to planets
- CEOs proceeding in researches -> more plausible

##### **2. providing incentives**

- guarantee advantages over having babies