**Governments should place few, if any, restrictions on scientific research and development.**

**Write a response in which you discuss the extent to which you agree or disagree with the recommendation and explain your reasoning for the position you take. In developing and supporting your position, describe specific circumstances in which adopting the recommendation would or would not be advantageous and explain how these examples shape your position.**

It is often stated that ingenuity is the mother of inventions. People, just like newborns, have an innate curiosity that leads them to question and experiment their surroundings in order to create an idea or product intended for the betterment of society. Scientific research is a mode of inquiring new knowledge and uncovering hidden secrets that researchers employ. Therefore, I strongly disagree that governments should impose restrictions on scientific research for two reasons.

To begin, scientific research has played a significant role in the advancement of mankind in all fields of study such as medicine, technology, etc. For example, before the invention of antibiotics, most people died due to diseases that are easily curable and treated today. Without the presence of antibiotics, the average life expectancy of a person then was much lower and diseases were much more prevalent then. It was only through the painstaking research conducted by medical professionals that the antibiotic pill was possible. Similarly, before the invention of the computer, data analysis and communication was done traditionally: in-person. This was not an effective since it often resulted in human errors. The computer, along with the internet and various other inventions, allowed us to compute enormous amounts of data in a matter of seconds. Not only that, we can choose to talk or send mails to anyone in any corner of this world without actually having to be there. All these commodities have only been possible through the conduction of scientific research, and governments placing restrictions on research is analogous to them placing restrictions on these as well.

Secondly, the prospect of conducting one's research encourages many students to pursue this path in higher education institutions. This also gives them higher rewarding employment prospects that allow them to better support their families. In a highly competitive world today, the more qualifications one has, the more merit he/she holds which large scale companies and even government agencies highly demand. As more and more jobs are now being automated, mediocre blue color jobs are waning, replaced by those that require critical thinking and devising new methods or optimizing certain processes. A person who pursues a career in research is the perfect fit for this job, but if governments were to impose restrictions on research, it would discourage student to pursue a higher education which would not prove advantageous for both the student as well as the government.

Some might argue that research is often used for unethical means. For examples, the discovery made by many famous physicist in the 20th century led to the creation of nuclear weapons which increased the devastation and casualties in war. However, this is a result of corruption and malice that is part of human nature, not scientific research. Research simply provide us with a method or an instrument, we are the ones who wield it. Therefore, it can be used for good as well as evil, which depends on the user. Thus, it is illogical for governments to restrict research since that will not resolve the issue because human nature remains unchanged.

**Corrected**:

It is often stated that ingenuity is the mother of inventions. People, just like newborns, have an innate curiosity that leads them to question and experiment with their surroundings to create an idea or product intended for the betterment of society. Scientific research is a mode of inquiring new knowledge and uncovering hidden secrets that researchers employ. Therefore, I strongly disagree that governments should impose restrictions on scientific research for two reasons.

To begin, scientific research has played a significant role in the advancement of mankind in all fields of study such as medicine, technology, etc. For example, before the invention of antibiotics, most people died due to diseases that are easily curable and treated today. Without the presence of antibiotics, the average life expectancy of a person then was much lower and diseases were much more prevalent back then. It was only through the painstaking research conducted by medical professionals that the antibiotic pill was possible. Similarly, before the invention of the computer, data analysis and communication was done traditionally: in-person. This was not effective since it often resulted in human errors. The computer, along with the internet and various other inventions, allowed us to compute enormous amounts of data in a matter of seconds. Not only that, but we can also choose to talk or send mails to anyone in any corner of this world without actually having to be there. All these commodities have only been possible through the conduction of scientific research, and governments placing restrictions on research is analogous to them placing restrictions on these as well.

Secondly, the prospect of conducting one's research encourages many students to pursue this path by receiving higher degrees. This also gives them more rewarding employment prospects that allow them to better support their families. In a highly competitive world today, the more qualifications one has, the more merit he/she holds which large scale companies and even government agencies highly demand. As more and more jobs are now being automated, mediocre blue color jobs are waning, replaced by those that require critical thinking and devising new methods or optimizing certain processes. A person who pursues a career in research is the perfect fit for these jobs, but if governments were to impose restrictions on research, it would discourage students to pursue a higher education which would not prove advantageous for both the student as well as the government as it would be deleterious for the economy as well as the person's well-being.

Some might argue that research is often used for unethical means. For example, the discovery made by many famous physicists in the 20th century led to the creation of nuclear weapons which increased the devastation and casualties caused by war. However, this is a result of corruption and malice of human nature, not scientific research. Research is simply an instrument but it is we who wield it. Therefore, like all things, it can be used for good as well as evil, which depends on the user. Thus, it is illogical for governments to restrict research since it will not resolve the issue and stifle the growth of society.