

Day: _____ Day: _____

Can Science Save US?

Outline

I Introduction

II Defining Science

III Contemporary overview of
Science

IV Science as a Saviour of
humanity

a) Secures the lives of humans

→ Usage of scientific techniques in medical

b) Increases the life span of humans

→ Scientific inventions are diagnosing diseases

c) Enhances economic opportunities

for the survival of humans

→ Example of industries

d) Assists in predicting natural disasters

→ Case study of AI-technology

IV Science is not a Saviour of humanity (Thesis)

a) Creates nuclear weapons for killing humans

→ Case study of Hiroshima and Nagasaki

b) Assists in conducting genocidal activities

→ Case study of the usage of scientific inventions in Palestinian genocide

c) Give birth to Artificial Intelligence which has become a threat to humanity

→ Stephen: "AI could end the spell of Hawking humanity"

d) Incites humanity to refute the existence of God leading to chaos

→ Case study of the theory of evolution by Charles Darwin

e) Promotes social isolation resulting in suicides

→ AI chatbots are advising humans to commit suicide

f) Exacerbates the threat of eradicating humans

→ Ref: Yu Nexus by Yuval Noah Harari

VI Strategies for minimising the threats of Science posed to humanity

- Positive usage of Scientific inventions

- Framework for Scientific weapons

- Promotion of social
engagement of humans

VII Conclusion

The Essay

Dr. Faustus, a fictional character of the play of Christopher Marlowe, 16th century English playwright, compromises with devil to hand over to him his own soul in order to acquire absolute knowledge.

The devil, according to the expectations of Dr. Faustus, provides him the absolute knowledge but takes his life as well by mercilessly killing him. The same is the case of the relationship of science with humans. On the one hand, it aims at providing benefits to humans in order to ensure their survival. On the other hand, it is ready to extirpate the spot of humanity from earth.

Hence, Science has proved to be a double edge sword for humans. Despite providing benefits, it can not save humanity because of its life-taking inventions. On the one side, it secures human lives, enhances the life expectancy, and ensures

the survival of humans. However, on the other side, it includes existential threats to humans in the form of nuclear weapons and Artificial Intelligence. Furthermore, it creates excessive chaos in the society by refuting the existence of God and promoting suicides. Hence, Science can not save humans because of its dangerous inventions.

Before exploring the dangerous inventions of science, which are posing threat to the existence of humanity, it is pertinent to decode the term science. Science is a vast ocean of knowledge that assists humans in inventing new things for their own interest. According to Britannica encyclopedia, science refers to the method of observation, and experimentation in creating new things. Hence, science is a field of creating new inventions for fulfilling the interests of humans.

The contemporary overview of science suggests that it has penetrated into every field of the life of humans. It has dominated medical, agriculture and industrial field.

It has created a new field of genetic engineering. Even though, science is credited with the creation of Artificial Intelligence.

Moreover, science has made humans able to initiate a war against their creator. Therefore, science has dominated the social, economic, and religious aspect of humanity.

To begin with, some argue that science secures the humanity because it is saving the lives of humans. In medical sector, it is assisting doctors to save the lives of humans by employing scientific techniques. Fortunately, it has made possible the transfer of bone-marrow for treating the patients of cancer. In this way, it is securing the lives of

millions of cancer patients. Therefore, science can save humanity because it is securing human lives.

Similarly, it is argued that science can secure humans because it has increased the life span of humans. By finding the treatment of dangerous diseases, science emerges as a saviour of humanity. Resultantly, the life span of humans have increased in comparison to two-centuries before. World Health Organisation has also admitted that the scientific techniques in medical results in increasing the life span of humans. Hence, it can save humans because it is increasing their life span.

Apart from this, it enhances economic opportunities for the survival of humans. The critics claim that science has resulted in broadening the scope of economic field. Currently, it is not specific and limited like two-centuries before. Science has created

many employment opportunities in different fields such as industries. Moreover, Science has created the jobs by introducing modern medical and engineering fields. Hence, it is a saviour of humans because it expands economic opportunities for humans.

Lastly, some claim that Science is a saviour of humanity because it secures human lives by predicting natural disasters. The scientific inventions are assisting humans in pre-determinately predict the occurrence of natural disasters.

In this way, Science assists in securing precious human lives because the area, under threat, is evacuated immediately.

For instance, Artificial Intelligence - induced technologies, provided by science, are being used in the early warning system of NASA. Hence, Science is considered as saviour of humanity because of its role in securing human lives during the times of natural disasters.

Some critics argue that science is a saviour of mankind because of its undeniable benefits. However, in reality, science is not a saviour of humans because of its possible inventions.

First of all, science is not a saviour of mankind because of its invention of nuclear weapons. These weapons pose direct threat to precious human lives. The usage of nuclear weapons, in Hiroshima and Nagasaki is still creating a new wave of fear among people. These two Japanese cities had been destroyed by nuclear weapons unleashed by USA. Resultantly, the weapons of USA had engulfed millions of innocent Japanese. Hence, this inventions could lead to the end of end of humanity if the possibility arises of their usage. Therefore, science is not aiming at securing humans

Similarly, Science is not a saviour of humanity because it promotes genocidal activities. The scientific discoveries such as facial recognition system assists tyrants to recognise their targets. Same is happening in Palestine. Israel utilize AI-induced technologies for conducting genocidal activities. Resultantly, Scientific inventions are killing humans and assisting ~~tyrants~~ tyrants. Hence, Science is not a saviour of humanity because of its negative role in conducting genocidal activities.

Most importantly, Science threatens the survival of humans by giving birth to unbridled monster named Artificial Intelligence. This strange invention of science is replacing humans in many fields. It poses severe challenges to the existence of humanity because of AI-induced autonomous weapons. On the basis of autonomous weapons,

Stephen Hawking, a renowned scientist, has vociferously claimed that "AI could end the spell of humanity". Hence, Science does not guarantee the survival of humans because it is threatening their existence with the invention of Artificial Intelligence (AI).

Additionally, Science incites humans to deny the existence of God which is a clear indication of chaos. The denial of the existence of God results in exacerbating chaotic views. It grants a certificate to humans to do whatever they want to do. Resultantly, the people like Hitler and Mussolini emerge and devastate humanity. The scientific arguments incite man to deny the existence of God. For instance, the scientific theory of Charles Darwin known as theory of evolution has contributed in the denial of the existence of God. Hence, Science is not a saviour of humanity because it promotes chaos.

by inciting humans to deny the existence of God.

In addition to this, Science threatens the survival of humanity because of enhancing suicides through social isolation. Aristotle call man a social animal but science rejects this claim of Greek philosopher. Through the invention of scientific gadgets such as smartphones these gadgets have increased social isolation of humans, resulting in the suicide because of remaining unable to handle social isolation. Moreover, AI-Chatbots are suggesting humans to commit suicide. The New York Times has reported this kind of incident in USA where 19 year old man committed suicide on the advice of AI-Chatbot. Therefore, Science is a biggest threat to the survival of humans.

Last but not the least, Science disconfirms the survival of humanity because its inventions are

are exacerbating the risk of eradicating humanity. The scientific inventions like AI-included autonomous weapons and nuclear weapons are existential threats to humanity. Yuval Noah Harari, a renowned author, claims that scientific inventions in the form of uncontrollable monsters are aiming at the end of human race. [Nexus]

Hence, science can not save the humanity because of its horrible inventions.

Although, science disconfirms the survival of humanity, there are certain strategies that can alter the deadly role of science.

These strategies include positive scientific usage for inventions and framework for using scientific weapons. Moreover, enhancing social connection of humans by reducing dependence on scientific gadgets. The scientific knowledge should be used for promoting the welfare of humanity instead of creating nuclear weapons. The framework like Non Proliferation Treaty (NPT) should be devised for restricting the use of nuclear weapons. Most importantly, there should be a complete ban on developing nuclear weapons. Similarly, social engagement advices should be circulated on social media for restricting the higher number of suicides. Similarly, AI literacy should be introduced for careful using AI chatbots. These strategies, in essence, can proved effective in ensuring the survival of ~~sci~~ humans through science.

In Conclusion, it becomes abundantly clear that the horrible inventions of science can not save humanity. Rather, these inventions are aimed at destroying human race and maligning its peace. The limited benefits of science can not be used for the survival of humanity. The presence of bigger scientific threats also undermine the limited benefits of science. However, science can be used for the benefits of humanity by following some practical strategies. Hence, science disconfirms the survival of humanity because of its horrible and life-extincting inventions.