

## Essay:

1. Can science save us?

### Outline:

- 1, Introduction. Thesis statement: Yes, science can save us by working on various sectors of humanity.
- 2, Crunch paragraph
- 3, How can science save us in the world of 21st century? (Thesis)

(i) Science can promote humanism and security across the globe.  
(Book: Enlightenment now by Steven Pinker)

(ii) Science is the way to alarm humanity about future catastrophic incidents.

(a) global warming agreements.

(iii) scientific knowledge has increased the life span of people  
(a) life before penicillin anti-biotics.

(iv) scientific advancement has ~~overcome~~ decreased inequality in the world. (Steven Pinker: Enlightenment now)

4, some skeptics argue that science can cause unjust to humanity. (anti-synthesis)

(i) Scientific advancement led to the nuclear proliferation across the globe.

(a) US bombed Japan in 1945.

(ii) Scientific advancement has caused emission of green-house-gases.

(iii) Increase in life span of people has disturbed the ecosystem of nature.

(iv) AI technology will replace the jobs of people which may cause inequality across the globe. (Book: Yuval Noah Harari)

5, Have scientific advancements saved humanity? (synthesis)

(i) Useful technology such as 'knife' is being used to disturb

the peace of the world.

(ii) scientific advancement has provided electrical automobiles which are friendly to atmosphere.

(iii) science has provided technologies to get control on population.

(a) contraception pills, condoms.

(iv) AI has opened way of equal opportunity to people for getting virtual jobs.

6, conclusion.

still there are some parts  
 of African continent where people  
 are living like animals. They  
 do not know anything about  
 basic human activities like dress-  
 ing, cooking of food and ~~some other~~  
 activities which are being practiced  
 by most of the people. Thanks  
 to the science that has paved  
 way to mankind to be lived  
 as human. Scientific advancement  
 has promoted humanism and  
 security ~~through~~ by alarming  
 human being about the future  
 catastrophic incidences. It has  
 played a vital role in increasing  
 the life span of human being;  
 and ~~it~~ has decreased ~~the~~  
 inequality across the globe. However,  
 some skeptics argue that science  
 has caused unjust to humanity  
 by emerging nuclear and greenhouse-  
 gases. Furthermore, scientific advancement

has caused population expulsion  
 and inequality due to replacement  
 of physical jobs of people across  
 the world. Here the questions  
 arise: Have scientific advancements  
 disturbed the peace of the  
 world? Has scientific advancement  
 helped the global atmosphere? Is science  
 working to overcome population  
 dilemma? And is AI leaving  
 any future opportunity for mankind?  
 These questions are answered  
 by the arguments which are  
 in favour of "science as  
 a saviour of humanity".  
 The word science has  
 been taken from latin word  
 called "scientia" which means  
 "to know". Knowing anything around  
 us by giving answers of  
 how, why and when. these answers  
 must be on logical basis and  
 must satisfy the questioner. Today

The world is growing and  
 lighted is only due to  
 the answers of these questions  
 given by science and logic.  
 Moreover, looking at the arguments  
~~the~~ in favour of science as a  
 saviour of us, first we can say  
 that science has promoted humanism  
 and security across the globe. A  
 well known thinker "Steven Pinker"  
 in his book "Enlightenment Now"  
 argues that the world of  
 21st century is very safe for  
 humanity because of the scientific  
 advancement. He further elaborates  
 about the security and humanism  
 across the globe by giving  
 examples of wars in the  
 history. He says that wars in  
 past were more disastrous and  
 harmful as compare to the wars  
 of scientific era. The statistics  
 in his book provide data  
 and evidences of casualties

that took place in past wars. The present era wars such as, Gaza-Israel war, Ukraine-Russia war are less lethal as compare to those wars of past such as, Napoleonic war, world war I and world war II.

Additionally, the world is facing an issue of global warming and this issue has threaten scientific advancement as a harmful cause of to humanity. But researchers ~~are working~~ have revealed to world that this phenomenon could be resolved ~~that~~ by adopting various strategies. This issue can be solved through using scientific knowledge and measures. Paris agreement and COP meetings are the prominent example of that the researchers are working to adopt ~~strategies~~ scientific strategies.

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which are beneficial to the global atmosphere.

Furthermore, science has also provided a ~~man~~ a chance to man for living long period of life. Before, the discovery of penicillin (a ~~first~~ first antibiotic), the people had to die from small injuries. But ~~the~~ scientific advancement has provided ~~an~~ wonder drugs that treats ~~the~~ even those diseases which once were fatal. According to the report of WHO, the life span of people has increased 300% times since the ~~in~~ discovery of first antibiotics.

Steven Pinker on other place of the same book "Enlightenment Now" reveals that this era of scientific advancement has provided equal chances ~~to~~ of growth to the masses ~~the~~.



elaborates further by giving an example of a family who is now able to feed, clothe and even ride a car. While the ancestors of the same family could not be able even to feed themselves. This is wholly due to scientific advancement that provided growth chance to all of humanity.

On other hand, some sceptics argue against scientific advancement and re-argue the following reason in order to justify their thoughts:

First they say, scientific advancement is the main cause behind the ~~war~~ war scenario across the globe. The masses are feeling on safe due to the scientific advancement in the form of nuclear weapons.

nuclear race is increasing  
 day by day. This nuclear prolife-  
 ration is threatening the  
 peace of the world. And if  
 the war happens then it will  
 be more as lethal as compare  
 to WWI and WWII.  
 Moreover, these skeptics blame  
 scientific processes and consider  
 the scientists the main agents  
 of global warming. Global  
 warming is caused by the  
 emission of green house gases. While,  
 the main agents which release  
 these GHG in atmosphere, are  
 auto mob and some other technologies.  
 The auto mobiles burn fossil  
 fuel in-order-to generate  
 energy; this combustion of fuels  
 releases the main greenhouse  
 gas called CO<sub>2</sub>. According to  
 the report of WB, the atmospheric  
 CO<sub>2</sub> concentration has increased

130 times as compare to  
~~the~~ pre-industrial era.

In addition to this, the  
scientific advancement has  
also disturbed the ecosystem  
of nature by ~~in through~~ helping  
humans life span. The anti-biotics,  
have helped humanity to  
treat all those diseases and  
injuries which were once fatal.

But this ~~help~~ has also  
helped to cause population  
growth. The theory of Charles  
Darwin explain the phenomenon  
that increased in population  
rate, decrease in the resources  
takes place; And this decrease  
in ~~the~~ resources will ultimately  
cause competition among the  
species for survival.

The last argument against  
the science as a source of  
human us, ~~argues~~ argues that the

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recent AI technology has caused inequality in the world. AI technology is well known writer Yuval Noah Harari writes in his book 'Homo Deus' that AI will ultimately replace the physical jobs of people. This replacement will cause economic inequality across the globe.

Now the arguments to counter the anti-thesis of skeptics will explain and answer the question:

Has science disturbed the peace of the world? Although the nuclear proliferation has threatened the peace across the globe. But to counter this argument we can take an example of a knife, which is a necessary technology for homework. But the same useful technology

can be used by the evil minded people in order to disturb the peace. Hence, the scientific advancement has not disturbed the peace. But the evil minded people do.

while the second question is global atmosphere helped by the scientific advancement? ~~the~~ ~~about~~ present facts may show that scientific advancement has disturbed the global atmosphere due to vehicles of the scientific era. But to counter this argument we can look the steps taken by the researcher to produce electrical automobiles that do not require any fuel burning process for the production of energy. ~~It is~~ whereas, the 3rd question: ~~are~~ are scientists working to overcome

population explosion? The decreased death rate in the human population has caused high growth number of people. But the measures to control this issue ~~are~~ also revealed by the researchers. For example, various contraceptive pills are introduced to control birth rate; and also condoms are introduced for men to control ~~the~~ the phenomenon of population explosion.

The last question: Will AI leave any opportunity to the mankind? The replacement of physical jobs of men might take place in future, but AI will also open the door and opportunity of virtual works across the globe. This opportunity will also help to overcome the dilemma of

inequality in financial sector.  
Because this opportunity will only  
require skill without the  
restrictions like age, gender  
and ethnicity.

To conclude, it stands estab-  
lished that science has  
changed the lives of human  
being in each sector of society,  
it has promoted humanism  
and security in the society.  
It also works for the security  
of human future and life. It  
has also <sup>to some extent</sup> decreased the  
dilemma of inequality across  
the globe. The negatives ~~of~~ of  
science are less as compare  
to the positives of this  
blessing. The researchers should  
work on further scientific  
advancement in order to  
secure human security, global  
atmosphere, population expansion

and the right use  
of AI across the globe.