

General guideline.

Maintain the tone of the topic

Answer the asked part

Pay attention to the tense on the topic and the given keywords

Follow the outline exactly as it is

Provide substantial research backed evidence.

Use formal language always

No use of 1st and 2nd person pronouns

Maintain unity of idea in a single paragraph.

DAY

DATE

Can Science Save Us?

12/10/20

① Introduction

Thesis Statement:-

Science has been the savior of the day, by advancing the agricultural practices to offering solutions for sustainable energy. In contrast, some argue that science has been a source of many problems lies today. However, this is inaccurate to an extent as technological advancement has changed the dynamics of nations.

Does not relate to the tone and the context of the topic. The topic is not has science saved us. It is Can science save us.

② Science has been a savior in all the fields of life

Tone and tense

No argument. These list techniques not arguments.

a- ~~Biotechnology and agricultural practices (precision farming and verticle farming)~~

Write as self explanatory phrases Or sentences.

b- ~~Advancement in medical science (vaccines- Small pox - mRNA Covid 19 - CRISPR)~~

c- ~~Internet has change the dynamics of education (khan academy, VR/AR technology)~~

All of these points address to what science has done not what science can do.

d- ~~Disaster preparedness (Indonesia's tsunami warning, India's flood predictability)~~

e- ~~Science has evolved in preserving environment (Green project, Carbon capture project)~~

f- Advancement in Business through Artificial Intelligence and automation.

g- exploration of space ~~and~~ for future resources.

(3) Science can not save us.

a- Climate degradation due to massive industrialisation and automobiles.

b- Heavy reliance on technology has reduced the critical thinking of our individual.

c- cultural and ethical dilemma of breach of privacy.

d- Job Insecurity and human exploitation.

(4) ~~Real life cases on how Science has proven to be a game-changer.~~

a- Singapore's urban sustainability and smart cities.

b- Israel's desalination and water scarcity solution.

c- Kenya: Agricultural innovation and mobile banking.

(5) Conclusion.

No separate case studies. Use these as examples within the paragraphs

When the world faced the Covid-19 pandemic, science rose to the challenges - vaccines developed in record time saved millions of lives, proving that innovation can be our greatest ally in any crisis. This highlights how science has always proven to be a boon - saving humanity from the crises that threaten its existence. Science has emerged as a tool to save humanity - as the world is growing the demand for food, medicine has escalated even more. The advancement in agriculture practices through precision farming, and developing vaccines to safeguard the humanity was the step in the direction. Educational practices has been reshaped by the emergence of internet and technology and it has become easily accessible to the people living in remote areas. Technology has the powers in reshaping the order of world, climate change is considered a real life threat - but with the advancement in the climate the green technology and carbon capture projects are crucial in preserving the environment. Nevertheless, some opine that science has been the destroyer of humanity through economic

exploitation and creating job insecurity. They also argue that science has created a dependence on technology that take out essence of critical thinking and brain staining. However, these arguments are not valid as science has fight against the odds in innovating businesses practices and provide ways to preserve the resources. Science has always been the savior of the day by refraining outdated practices. Some argues that science is a source of all evils and it can not save us. However, the beauty lies in observing and science does has transform the world order in open and innovative way.

Science has altered the ways of doing things by making it more productive and useful. One of them is introducing biotechnology in agricultural practices that has paved the way for more efficient and sustainable farming practices. The famous agricultural practices include precision farming which utilizes technology such as GPS, sensors and data analytics that revolutionized how crops being used. precision farming allow farmers to know when to apply water, fertilizers and pesticides. Moreover, vertical farming is the solution to

Tone does not match the Topic

Tone/tense/ sentence structure

Sentence structure

No argumentation
No analysis.

The tone of topic is what science CAN do not what it has already done.

Comprehend the demand for food in urban areas. Vertical farming crops grow in stacked layers maximize space usage and reduce the need for vast agricultural land. Together these advancements in precision farming, vertical farming are creating more resilient and sustainable food systems for the generations to come.

No relation to saying us
You are simply discussing modern techniques there is no argumentation regarding how science can save us.

Aside from agricultural innovation, the advancement of science in medicine and health has altered the ways of traditional medicines. The development of mRNA vaccine for Covid-19 is a ground-breaking achievement in medicine. Unlike old vaccines, mRNA uses cells to produce protein resembling the virus, triggering an immune response. This allowed a rapid growth and proved successful. Another remarkable achievement of science in medicine is CRISPR-Cas9 gene editing technology, which has revolutionized genetics. By enabling accurate and targeted genetic modification, CRISPR helps promise for curing inherited diseases like anemia. Thus, science has provided the solution for long-standing medical challenges.

Tone. You discuss what science has done to save humans not what it can do

Along with medicine science has transformed the ways of education through internet. The internet has revolutionised education making learning accessible to millions world wide. Khan Academy is one of the examples that has provided high quality education through videos and interactive exercises. Additionally, the virtual reality (VR) and augmented reality (AR) are transforming classroom experience. The Stanford University has adopted VR AR technology for doctors and researchers for more real experience.

This is not saving us

Apart from education, science has expanded its aim in the disaster preparedness to save the humanity from natural calamities. The Indonesia's early warning system has been made because it is based on ocean sensors - seismic waves and real time analysis. This upgraded system helped Indonesia in 2018 tsunami in evacuating communities in time by reducing loss. On the other hand India's flood prediction and management by utilizing satellite data for early warning system to evacuate masses in time to eliminate the life losses. Thus, this early warning system was

This is a list of examples

No argumentation
No analysis.

Tone does not match the Topic

proven to be the game changer in the changing climate.

Along with disaster preparedness, science has played a crucial role in tackling climate change by developing solutions. Science focused on utilizing green project by ~~shifting~~ boards renewable is the right step to stop natural disaster and adopting sustainable practices. China has been the major exporter of solar panels to encourage renewable. Additionally, the Norway's project of carbon capture and storage is one of the world's first project, where CO₂ is captured from natural gas production and injected into deep geological formation beneath North Sea. Hence, initiatives like carbon capture storage and renewable are the step in the right direction.

No argumentation
No analysis. Tone does not match the Topic.

Besides preserving environment, science has also advanced the ways of conducting business through artificial intelligence and automation.

Business practices has been enhanced by data analytics and improve marketing, finance, and sale decision to predict market trends, and enhance customer experience. Target

No relation to saving us

uses predictive analytics method for personalized shopping experience. Amazon uses AI logistics and recommendation system for data analytics. Hence, science has modified the business practices by leveraging new innovations and experiments.

Apart from enhancing and innovated experience of businesses - science has explored the new dynamics of space for future resource allocation.

As the ~~global population increases~~ and natural resources becoming more scarce, space exploration offers new frontiers for acquiring essential materials. Asteroids for instance, are believed to contain vast amount of rare minerals and metals such as platinum, gold and water which could be used for future technological advancement in supporting life on earth. The continuous exploration revealed the sustainable ways to develop life through exploration and technology.

Despite ~~to~~ advancement in science, some argues that science has

No argumentation
No analysis. Tone
does not match the
Topic.

Unrelated to
science
saving humans

Only aggravated the situation by not ~~saving us~~ but making us more depend. One of the argument lies that science and industrial revolution ~~has~~ destroyed climate. The temperature has rise below 1.5°C and it ~~resulted~~ in more frequent disasters and natural calamities. which not only affect the people but entiret of species. According to UNFCCC Between 1990-2022, human driven climate change has led to permanent increase in acidity on 77.6% on earth masses and expanding dry lands to 43 million sqmeters. Hence, science and advancement threaten the existence of humanity by destroying the world.

This is what science has done, not what science can or cannot do

Together with climate degradation, heavy dependence on technology has reduced the cognitive abilities of an individual. When people heavily rely on search engines or AI driven recommendation, to get an answer more quickly it stop the brain in more engagement and seek quick answers for everything. This dependence on technology has even reduce the practice of spell check and grammar evaluation. Software like grammarly, quillbot has reduce the ability to

This is what science has done, not what science can or cannot do

brain stem and get the ideas. Quick and easy to serve techniques has. This shallow learning has snatched the critical and complex thinking that affect decisional making abilities of an individual.

Besides from heavy reliance on technology replace critical thinking, science has surrounded the people from everywhere from a simple watch to mobile phones. It has created a cultural imperialism. The constant surveillance and accessing of the data on everywhere is nothing but a notion of breach of privacy. The AI algorithms of reacting or listening what anyone is thinking and show the relevant products are the example of cultural dilemma and breach of privacy. According to Reuters in 2024, around 430 million data records were leaked in data breach. This reflects how science has evolved in privacy breach.

Lastly, science has resulted in labour exploitation and job insecurity with the advancement of science. People have lost their jobs as the

This is what science has done, not what science can or cannot do

new technology demands new skills and abilities to perform the job. This massive technological shift creates a sense of alienation like Karl Marx states how this industrialization will only exploit the proletariat and benefit the elite. Thus, this culture of exploitation and alienation through job insecurity will continue with the advancement in science.

This is what science has done, not what science can or cannot do

However, science has done more good than harm to the society. Some of the real life cases are discussed to prove that science has been a savior not a destroyer.

Singapore has used science and technology to transform itself into a model of urban sustainability. Singapore has heavily invested in green technologies encourage energy efficient and environment friendly designs. Also, the country is pioneering smart transportation solutions to reduce congestion and enhance mobility. Smart traffic management systems use real-time data to reflect and reduce traffic issues. Moreover, the country has innovated in rooftop farming to fulfil the needs of food and making the urban pasture more sustainable.

No argumentation
No analysis. This is just an example

Israel's desalination system and addressing the issue of water scarcity has been renewed in the world of technology. The country with limited fresh water resources, has used scientific innovation in desalination technology to meet its water needs.

Israel is a world leader in desalination, with advanced facilities.

No argumentation
No analysis. This is just an example

Israel's reverse osmosis (RO) is a process that pushes seawater through semi-permeable membrane, which removes salt and impurities and make the water pure and fresh.

Lastly Kenya has advanced its technology in two areas, agriculture and mobile banking. The country has developed precision farming, agroforestry, sustainable farming and M-Pesa that connects farmers through different vendors and suppliers for competitive advantage. The agroforestry involves planting trees alongside crops or line stock to create more resilience and provide shade. Moreover, apps like Twiga foods and M-Farm streamline agriculture supply chain, reducing inefficiencies and connects vendors and suppliers for better price.

No argumentation
No analysis. This is just an example

To conclude, science has evolved the ways of daily life from agricultural practices to the medicine and education. Science has explored its aims in every direction possible to serve the humanity. By preserving the environment to introducing different technologies in preparing for disasters to save the communities and reduce the losses. On the other hand, critics argue that science has been the source of all evils as the climate degradation to economic exploitation of labour are all the part of advancement of science. However, the reality is different as science and industrialisation increases the chances of opportunities and technology has increased the demand for food generation. Hence, science does has the ability to save us - from small pox to Covid, and green projects to desalination are all the blessing of science.