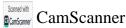


safety and security. Along with benefits it has impacted our lives negatively also for example by creating environmental pollution, nuclear weepons & warfare, causing climate charge, posing healt risto from techology, causing Chemical and biobard threat, causing ethical concerns, causing economic duparities & relying abundantly on technology. *0*\${n 2) Benefits of science on our tipe Benefits are not Provided better medicine & and asked. 21) 2.2) Made technological advancement 2.3) Enhanced agricultural productivity 2.4) Produced energy and make transportation better 2.5) Made us understand the environment 2.6) Enhanced quality of life Enhanced education and knowledge Better safety and security 2.8) This does not ddress whether science can save us or not. 5) Damages of science on our life These are simply nefits and 3.1) Caused ervironmental pollution drawbacks. These are not asked 3-2) Nuclear weapon and warfare 3-3) Caused climate change 3.4) Posed health risks from technology



3.5) Caused biological and chemical hyzolds 3.6) Ethical concerns 3.7) Economic disparities 3.8) Reliance on techs Abundant reliance on technology Don't give equal weight to both sides. 4) Conclusion 4.1) Summary



11 You see, when medicine works, it is blessed science, and when it fails, it is witchcraft. This Opening not suitable to the topic statement was said by Polidori, a British writer and physician. Since the advent of science it is importing The human the both in positive and negative sicka tance. use science for The ones who are use enough their benefits and make their total easieir while the stupid ones take negative benefits of science and not only make their lives difficult but also wreak have in other's lives. Science is benefitting markind from centuries is a number of ways suc as improving medicine and health, making technological advancements, increasing agricultural productivity producing energy and making transportation better, in Do not list the points in a single inderstanding the environment, enhanced quality sentence life, better education and knowledge enhanced salety and sconity. Along with benefits it has impacted our lives negatively also for example by creating environmental pollution, nuclear weapons and wayfare, causing climate change, posing health risk from technology, causing chemical and biolocical threats causing ethical concerns, causing economic disparities and abundant words at reliance on technology.



First of all I we direct our minds toosee the Your topic is not what science has done, but what it can do has impacted our lives in many beneficial ways. It has provided us with medicines to save our lives. The invention of vaccines was a life turning point in the field of medicine. With the help of vaccines many lethal diseases such as polio, portusis, ciphtheria measles and typhoid can be prevented. The invention of antibiotics not only made aut health better biorgumentation. also provided a relief against diseases Today achievements of science. All it does is list the use of antibiotics we early fight against bacteria damaging our body. In medical field advancements like X-rays, MRI, C-Iscan have made the lightneses of disease very easy and at an very early stage. klith the help of science we are able to undertand the diseases better and provide effective curs for them connector. Then with technological advancements our lives has become much more easier and comfortable Howehold gadgets such as washing machines, vacum cleaner, refrigerators pair inditioners not only provide us with comfort but they also make our likes eargethe save much of our time which we can invest



in other beneficial activities. The invention of computers, smartphones and internet makes us beel like we have access to the whole work. These things have made componication really easy and just. After that the increase in agricultural productivity due to better and effective harming way have polided a big relief for the increasing populate Don't list techniques de such as irrigation, crop rotation de scien crop cover, terracing and drip irrigation have increase the agricultural yields. The public of pests inceds Jungus has been solved by using perticides, investicides and fingicides. Then genitically modified copy are bing grown in many areas of the world which travebetter and increased yield as compared to the traditional copp being grown. While counting the benefits of science one cannot pract the charge that energy production and transportation Sentence took in our lives. With the production of energy life was completely changed. It was as if an block lives have turned white. Then the development of renewable energy to have have proven to be very beneficial to the problem of energy crises hith the help of solar winder elevant to hydropower renewable energy can be produced and



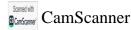
the need of energy units could be reduced. The invention of cars airplanes, trains made transportation very earling us and bast. Any corner of the world can be explored now and communicating with people is no more a problem how After that comes the alvantage of undertanding the environment. Science has led to better understanding ob environment. Insight into climate change has led to better understanding of the climate and help us priment No argumentation presen conf conditions. With bio diversity and conservation efforts we can help protect and save our endagered species of animals, trees, plants and seatife. Science has innovated many techniques and usays to protect them. Next comes the benefit of enhancing the quality obour life. With the innovations in entertainment like television, video games and virtual rality our life has become interesting. Inle can not early spend our leivre time by engaging ourselves in these adivilies It as is an amazing way to throw our boredom away. He can callar or friends and family and Irrelevant can have games session or spend the evening by watching movie soch activities not only help us spend our time just also improves our bond and



connection with our friends and family. The innovation No consistency in of science has led to better structure of houses which helpength us in living our lives # with compon with the help This is not of thermal insulators insulators installed in our walls saving us. lou are and rooks our home are better protected against intense discussing heat and cold. Inleather resistant paints our wall help our homes against drastic weather conditions such as heavy rainfalls or a fully sunny day. Rechargeste equipments also has made our lives very easier without the worry to buy equipments again and again. Next in the list comes the adjustage of education and knowledge. Science has proved itself in this field also-With the ducavery of only education we have now accel to study in any college or university of the world without being physically present there The biggest benefit of it proved during covid - 19 when going out our homes became the biggest threat. At that time online platforms such as zoom, google meet and others made online classes possible. During that whole period universities and colleges irrelevant concluded online classes so that the study started studies could continue and children and students could benefit from the agrees comfort of their homes. Now we dont have to travel overseas to get international degrees



because now all of this is possible through online programmes- Today getting diverse throwledge is no more tillicult. Getting inalledge from a variety of books is just a dick away the don't have to study heaps of books to get our derived information. With the access of internet and google we rain get the desired information with in seconds. Various books, magazines, important research paper and what not is available on gagle. Irrelevant With the discovery of artificial intelligence applications such as char GPT and Gremini our researches have becomes much more specific and to the point. It provides is with the post relevant and precise knowledge which also saves our time and improves our efficiency. Last but not the least science has improved our safety and security standards, with the development obsurviellance systems and disaster prediction models our lives have become protected and secure. For example the installation of security corneras at sulding, shops and our homes have significantly reduced the incidents of robbines and theft. Advanced level Irrelevant security lacks have als made at live easier because they have advanced protection and cannot be opened by everyone. Then different disaster models helps ar



people against any kind of emergencies. Today such devices are present which detect disasters before time. such as ploods, carthquakes, cyclones and formadoes. It has poure to be really beneficial as we get to know of duarters well before time and can intimate people. Governments have taken many benefits from this as it helps them to notify people so that they can vacate their areas and reach to a safe place within & time You cannot have both No doubt science has given us many stances? but it also has damaged our lives backy. The negative effects of science has wrected havoc into our lives. Firstly it has caused environmental pollution. Various inclustical activities such as new experiments and ongoing procedures particelarly by the upeal, cloth, sugar, tik and rubber industries have contributed to air, noise, water and soil pollution. The nove from the working of machines contribute to noise pollution. Alcuste pomphese industries is dumped directly into nearby rivers and lass or any open area which contribute to spit and water pollution. These waste moterials contains many harmful substances and chemicals with which and damarous for scalinge. Then overlese of pesticides fingicides and insectides. is being done which is normful for the bath of

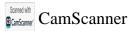


marking and ecosystems. They contains hozardous intoxicants and chemicals to kill microganisms twhich if inhake by humanbuigs by mistake can prove batal. Other than that the increasing we of plastic products is an angoing challenge to some as plastic usage itself has many harmful effects. Secondly pucker weapon and warfare products have also cause large scale destruction. After the invention of nuclear bombs and other such warfare, they were thought of as big blewings until they proved that their use is no more than a cupe One such example is of Hiroshima and Magasaki. During world war II, United states of America used atomic bomby for the first times on 2 cities of Japan. Two atomic bombs namely Little By and Fat man were thrown on the cities with the gap of three cities. First attack was done on Hirshina and the scient on Magasaki which caused life losses of approximately 80,000 and 45000 respectively. This shows the devestating effects of nuclear weapons of mankind. Such weapons are only beneficial for the sake of difficult times when any country tries to threater

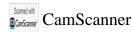
the other because there use trave has devostating effects.

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Next comes the climate change caused by the we scientific invertions. The fassilfuels well in vehicles is the biggest contributer in causing climate change. The wage of possil fuel led to the exapp of dangerous substances into the environment such as carbon monoxides, nitiogen monovides and sulfur dioxides which cause global warming, ozone depletion and grenhouse effects. These phenomenon are important components of climate change as with the passage of time the use of faisil Quels is leading to the phenomenon which is leading to the increase in the temperature of our environment all over chimaterenariose iscoase din temperature is having like devoiting effects such as the metring of ice of in the antarctic regions and glaciers causing floods often Flowerer and thus the water and thus the availability of water for various uses of our daily life is decreasing day by day. Climate change is also cauce by deportation for our human wes. Deportation has led to disturbance of various ecosystems which in turn has lead to climate change. Deprestation is were to facilitate having societies industries and big projects going on. Following this comes the health risks posed by technology. To list some of them are the use of X-ray



machines, MRI machines. These radiations can get into our body and pase halthrisk which can have immediate and lifelong effects. Then the use of video games devites such as # play stations and the use smartphones can cause addiction. After using them for sometime we feel it difficult to go away yom them. These godgets also put strain on our eyes causing weakening of our eyesight. It has been scientifically proven that children who are more find of watching television for hours are dull by mind and less creative. Toddlers who watch television for bog hours start speaking late in their life. In addition to this comes the chemical the bol biblegical hozards caused by suchtific experiments. Sometimes incontrilled experiments are done in lab which results in release of various hample substances which cause harm to all surances coming in contact with them. For example when researches are going on for making new antibionics to replace the de antibiotics to which barteria have become resistant, various tries with Unious chemicals, substances are done which result in many taxic products. Obviously these toxic products are then dunped without taking due care to poperly dipose them off and causing harm to



human, animal and sea life organisms.

Morrover, the use of sciente in various fields has aused moral ethical and societal dillemas. For example the use of machines in each and every field of life is causing tension among hyman beings. With the use of machinery pur lives have easy and bast but it also has led to jub low and replacement of human with machines. As machines can perform the given task paster than machines they are replaing human beings at an amazing speed which a causing a number of people to lose their jobs thus creating an economic pressure on them. Scientic devancements like artificial intelligence is has caused much poblem for humanity. Human like robots are now able to perform all human activities and are preferred more than humans. Then the concept of cloning and genetic engineering at also darming the human nature by going against the laws of nature With the help of cloning human it duplicates are possible to make which is now even being done in advanced parts of the work. With the advent of science such techniques are now possible by which it is possible to determine the sex of the zygote according to your own choice. By scientifically making the sperm with egg



IT outside the body, called as In-vitio fertilization, it is possible to determine the gender of the baby according to your own choice. All such things which are being practiced are morally and othically very wong and against the teachings of I lam Furthermore comes the usue of economic disparity caused by the advancement of science. The well-developed countries who are better equipped with resources and who have more knowledgeble people take more advantage of science and make more advancement in this field, hilter as the countries which are the calleping phase they are struggling to make scientific inventions as they have limited resources and less economic support. This thing creates economic difference between the countries. The already developed country are advancing fast towards more developet conditions because of surnice and the less developing countries are locking behind them. Adding the but point, science has caused human being to be overly dependent on it and which has led to its negative use also hiltereas science provides us with safety and security it has on the othe side led to the breech of human security. With the adancements of knowledge, people are getting expert.



in cyberattacks and sybersecunty is at stake. Our informations and perional data is no more now safe: The incidents of cybernattacks is vicinaring day by day in the above construct leading to the loss of many private and personal information to backers which results in people having depression, anxiety and some cases of suicide have also been reported due to this cause. In thile these disasters often stern from the misuse of uninteded use of scientific processes, they highlight the responsibility of ethical responsibility regulation and sustainable practices in science and technology-

Summarizing it all, science has greatly enhanced human life by impriring health, education, knowledge, agricultural output, advancing technology and fostering global communication. It has reallationized industries, transportation and communities while enabling a deeper understanding of nature and environment. This all is enough on behalf of science to sur our life. However, the misse of science has also put our life in danger by causing environmental pollution, climate change, nuclear weapers and walfare and ethical dillinas in geneticing inceing and artificial intelligence expose the



Date: _ darter side of scientific process. Libile science offers immense potential to salve glabal challenges, its responsible use is essential to prevent diaster and ensure sustainable development. Therefore, now it depends on withether we will save or destroy our lives with the use of science. No structure to conclusion.

