

Science in Everyday Life

The twentieth century is the science age. Modern science has discovered different type of wonders. It has brought very far reaching changes in everyday life. Huge undeniably are the blessings of science. It has enlarged human comforts and given man powers that are only for God. Some people says truly science has given eyes to blind, ears to deaf, and limbs to the cripple. Science has given us artificial wings also that we cannot get naturally. Science is a compulsory subject of study for all examinations. Let us discuss, in brief, some various blessings that science has bestowed upon the modern man. It is the age of science. There are many wonders of science. Science plays an important part in our daily life. It has made our life easier and more comfortable. Science is nothing but a systematic way of knowledge and living. Man's behavior of inquiringly, alertness and keen observation of changes in natural happenings has given birth to science and scientific study.

Science has developed, invented and discovered different mediums of swift communication that are very useful for us in our everyday life. Time and distance have been conquered and traveling has become a pleasure. Trains and Railways are now used for travel and transport. Man can fly like birds nowadays. Traveling around the world in small amount of time is not a big deal nowadays. The globe is shrunked and the whole world now looks like a small family. Sea-voyages have now become perfectly safe and have lost all their terrors. In the modern steam-ship, we can travel with perfect ease and safety. The world has now become one long bazaar and mangoes about buying and selling with perfect ease.

Science has invented different types of machines that are very useful for us in our daily life. Everything that the modern man uses from morning till night has been manufactured by one machine or the other. Machine lifts weight from us, plough our fields, cook our food and also serve it for us. Computers have made each and everything easy like calculations and other stuff beyond our imagination. The invention of such machines, that save our time and drudgery, is a great blessing for mankind. Scientists have invented several things and machines that are big and small through observation of very simple events. Boiling water in a kettle has given us idea of coal railway engine. Apples falling from a tree helped Newton to discover a new law that is now known as law of gravity. Electricity is the greatest invention of man. It serves us in hundreds and thousands of ways. It runs our trains, mills and factories. It cools and keeps our houses warm. It washes and irons our clothes. It gives us cool air and entertains us through Cinema, TV and radio, besides lighting our houses. Modern life is impossible without electricity.

The greatest blessings of science are its inventions in the field of medicine and surgery. Human pain and treatment of different types of diseases that don't have any treatment available in the early times that have now become very easy and and the human life survival rate is increased. Science has invented a number of wonderful drugs that are used for pain killing and due to the use of these drugs the pain is finished and these drugs are very useful in

everyday life. X-Ray and body scanning machines are the window through which we can get a peep into the inside of our body. There are machines and different types of scanners and detectors which can sense and tell us about the diseases that are inside the human body. Major operations can now be performed and broken limbs set right without the patient feeling any pain. Different parts of the body can now be replaced by artificial parts. It is expected that atomic energy, when used for peaceful purpose on a large scale, would transform human life.

Science has given comfort to human life very much. With electricity man can turn night into day and carry on his work with perfect ease. In the summer season, he enjoys cool breeze by the use of electric fans and air-conditions. Many inventions of science are for our enjoyment and entertainment. Cinema is very cheap means of entertainment that provides enjoyment both for rich and poor. Through radio we can enjoy music, dialogues, dramas, short stories. Through the television we can see dramas, dances, etc; being staged at the television station. Man can reach any part of the world within hours. He has even reached the other planets with the help of science. The day is not so far when man will be able to travel easily to other stars and planets.

Science has done wonders. Heart surgery and heart transplantation have become ordinary things nowadays. Science has discovered and controlled incurable different types of life taking dangerous diseases. With the discovery of atomic energy man has found an inexhaustible source of energy. It can meet the demands of energy of the world for a long time. Modern science is nothing but a skill magician. One after one, it is providing the mankind with wonders. It has absolutely conquered and discovered the resolute forces of nature.

Electricity is the first wonder of modern science. It is the driving force of modern civilization. Without it, the development of modern science is impossible.

Television is another great wonder of modern science. It is a popular medium of entertainment, enjoyment, thoughts and opinions. Television shows us the videos and live shows and the interesting thing is that through television we can see and also hear through the speakers. It leaves a permanent effect on the people.

Computer is one of the greatest inventions of modern Science. It is a substitute for the human brain. In every field of life man has been using computer. It seems that in the future man will be a puppet and computer will do every brain work.

The invention of nuclear energy is a marvelous wonder of modern science. Now man can make atom Bomb, Hydrogen Bomb, Neutron Bomb, Missiles etc. with the help of this energy. Man may use this power either in destructive or constructive works.

Space travel is the most wonderful success of modern science. Landing on a moon was just an imagination of a man few years back. But by the help of modern science man has also done this impossible work. So it is possible now to turn man's imagination into reality.

Science has created wonders in the field of communication. Telephone, telex, fax, internet, networking, cell phones, laptops, gps systems, E-mail, VSATs, wireless, telegrams are great wonders. They have brought the world closer to us. We can send news from one corner of the world to other within a single moment. Human life would get transformed into new horizons and heights of prosperity when atomic energy is fully utilized for peaceful purposes.

Science is very much helpful in our daily life. The world would have been stopped without inventions of the Science. There is shortage of space everywhere in the world such as, high buildings are constructed both for commercial and residential purposes. Inventions of lifts working in these highly constructed buildings have made life very easy. A housewife can cook tasty food with the help of different kitchen machines that are invented by science. In this condition she is able to save too much wastage of time and give that time to perform other house works and also her family. Cloth washing systems are also very easy because of invention of washing machines from modern science. All this is possible with the production of fully automatic washing machines.

In spite of Science as a blessing in our daily life, but on the other hand it is also very dangerous because science has invented very dangerous weapons that can kill humanity very easily. Another disadvantage of science is the misuse of mass media for propaganda. Sometimes different types of stories and rumors are out and they create many tensions for people all over the world. Much of communicating tension within the country has been the creation of media. Mass media is used by anti-social elements to spread rumors and false information. Once a story is circulated, it spreads like a fire, thanks to mass media. It is certainly up to mankind to utilize the benefits of Science for welfare of all or to indulge in making mass destruction weapons for miseries of future generations.

Science has metamorphosed the mode of our daily life. Science has stepped up the speed of life; it has widened the range of our occupations, extended all of the limits of our curiosity, it has increased the ways of utilizing our leisure ; it has given us comforts and facilities undreamt of by our forefathers.

As regarding food by the help of science now we can know that which food has how much proteins and calories. It has analyzed and classified the various constituents of our diet according to vitamin content, caloric value, mineral basis etc. It has explained to us the factors that make a balanced diet. With the help of all this knowledge, the State can provide school children with cheap but nutritious food in order to build up the physique of future generations. This shows how much science can contribute to the improvement of national well-being. Science even has started producing synthetic food in the Laboratory, to supplement our food deficit.

Next item of our necessity is our dress. Modern science has taught us the utility of light dress in a tropical country. Our knowledge of science has helped up to manufacture dress

materials more comfortable, more enduring and in the long run more economical and adjusted to the prevailing environment. Today we are certainly better clothed than ever before.

Also science has shown us how we can do a long time work in short time and with less physical effort and sweat. It has placed at our disposal innumerable devices that can be used to save our labor and the expenses on that labor, so that, life can become far less difficult than it is.

They save us from the drudgery of manual work to be done and thus enable us to do much more work with greater output potential than our ancestors. At the same time, scientific process creates plenty of leisure, which we may devote to cultural pursuits. The modern man is thus able to live a full enjoyable and many sided life.

In our sickness, we have got to many benefits from science. The physicians and surgeons nowadays are much more sure in their diagnosis of diseases through clinical tests, brain scanning and supersonic devices. The physicians nowadays are more confident in their ability to cure or to control them.

Associated to this is the role that science has made to our ideas of sanitation and hygiene. Infectious diseases have been either completely eradicated, or brought under control, due to better sanitation and sewerage arrangements. Cholera, smallpox typhoid's, aids and the like epidemic diseases have been largely tamed.

Other killing ailments like TB, Cancer, Coronary attacks are also considerably submissive, thanks to wonderful progress and developments in medical research. Dysentery, typhoid etc. have ceased in countries, which believe in science and make its full use. Epidemic malaria has greatly been diminished. As a result of all these, progressive developments the human life has been doubled as compare to our ancestors and forefathers and more than 100 years back.

Science helped mankind in countless ways. The scientific inventions have brought about many changes in our lives. The civilizations of the world have progressed by leap and bounds.

It has helped us in countless ways to make our everyday life comfortable. For travelling or transportation we have many types of vehicles. We need not walk on foot or travel by slow moving bullock carts. Today we have scooters, cars, buses, trains, aero planes to take from one place to another.

The invention of electricity has helped us in many ways. We use bulbs or tube lights to illuminate our house, room heaters to keep us warm and cooler and AC's to drive away heat during summer days. Means of communication have vastly improved. Today news travels faster than before. A person sitting in India on telephone can talk to his relative sitting in America or any other part of the world. Communication satellites moving in their orbits above the earth's atmosphere can forecast weather reports, cyclones, tidal changes in the sea etc. much in advance. These forecasts help us to reduce the disasters likely to take place.

We have developed instruments to help us in agriculture, irrigation, generating electricity, building dams, curing many fatal diseases. Man's life span has been increased with the advancement of the medical science. Today life without science is unthinkable.

In its broadest meaning of 'knowledge', science enters the life of even the most primitive human being, who knows the safe from the poisonous berry, who has stored up some rudimentary ideas about building a hut, sharpening a spear, and fishing in the river. This knowledge, or accumulation of experience, distinguishes man from the animal which has to rely on instinct.

The Renaissance first taught man to realize the value of scientific progress, but it was not until the 18th century technology was very old and industry was very slow in working. Until about 1920, the development and technological progress was very slow but nowadays science has very latest inventions and has discovered latest technologies and the process of implementing science on different things and in various types of fields have now made human life very easy. The rate of progress in these years is too much high and every day new device or machine or other things are discovered and invented rapidly.

Today, there are available many kinds and range of consumer goods from the simple needle to the jet plane, from the automatic clocks to the computer. All these things serve to make life easier and more pleasant, yet in themselves do not constitute civilization with its comfortable distincts. Progress in real life has achieved less than the progress due to science and through education, the arts and the love of beauty. Science has nothing to say to us in these categories, providing aids and short-cuts. Without them, life would be no more than the struggle for survival; there would be no time and not any other way or incentive to pursue higher things.

Science gives us safe food, free from harmful bacteria, in clean containers or hygienic tins. It also teaches us to eat properly, indicating a diet balanced in proteins and carbohydrates and containing vitamins like A, B, and vitamin E that is most important for human body and very useful. The results are freedom from disease and prolonged life. In pre-scientific days, food was droning and sometimes dangerous; today it is safe and varied. It is varied because through improved sea, land and air transport food can now be freely imported and exported. Science has also improved clothing and made it more appropriate for climatic and working conditions. These clothes are also made according to season variations. Man-made fibers and versatile spinning machines today enable us to dress in clothes both comfortable and smart without being expensive.

Home, school and office all bear witness to the progress and application of science. Nowadays, most homes possess electric lighting and cooking, but many also have washing machines, vacuum cleaners and kitchen appliances, all designed to increase comfort and cleanliness and reduce hard work. Science produces the fan which cools the air, the machinery

which makes the furniture and fabrics, and hundred and one other features for good living. The books and papers are at school, and again everything from the piece of chalk to the closed-circuit television of instructions is the direct or indirect results of scientific progress. The latest invention of science is that now we have projectors for different type of views. Learning is therefore easier. And clerical work is made far more speedy and efficient by the office typewriter, quite apart from the hundreds of different machines.

In the old days, the idea of travel or taking a holiday was the monopoly of the privileged few. Today, science has given us the steamer, the aircraft and the motor-car. New horizons are opened to us and the increase of wealth brought about by science has given us the means to enjoy the new leisure we have been given by science. But to enjoy life at all, we must be healthy and it is perhaps in the sphere of medicine that some of the greatest advances have been made. Today, because of the use of antibiotic and isotopes, many diseases are speedily cured and man has become, on the whole, a healthier being, set free from pain and illness.

Science is a great blessing for mankind. Its utilities in everyday life are unlimited. But the inventions of science are being distorted in many different ways. Instead of using the aeroplanes for travel, we use them to drop bombs. In this way, this blessing has turned into a curse, and it is feared that one day science will destroy humanity. Science should be a compulsory subject of study so that man may understand its true nature, and put it to right use. If we want our country to progress, then more scientists are urgently needed. Therefore, science should be taught everywhere in the whole world. Science has been completely beneficial to ordinary living when properly applied. When misused, it is equally harmful. Land can be poisoned by chemicals, workers can suffer industrial disease, war can mobilize science to man's own destruction. Science is a good servant, but man must remain master. To conclude we can say that science is the magical genie of today. It can do wonders for us if it is used carefully.