The Advantages & Disadvantages of The Internet:

The Internet or the World Wide Web is indeed a wonderful and amazing addition in our lives. The Internet can be known as a kind of global meeting place where people from all parts of the world can come together. It is a service available on the computer, through which everything under the sun is now at the fingertips of anyone who has access to the Internet.

Advantages of the Internet

The Internet provides opportunities galore, and can be used for a variety of things. Some of the things that you can do via the Internet are:

- **E-mail**: E-mail is an online correspondence system. With e-mail you can send and receive instant electronic messages, which works like writing letters. Your messages are delivered instantly to people anywhere in the world, unlike traditional mail that takes a lot of time.
- **Access Information**: The Internet is a virtual treasure trove of information. Any kind of information on any topic under the sun is available on the Internet. The ‘search engines’ on the Internet can help you to find data on any subject that you need.
- **Shopping**: Along with getting information on the Internet, you can also shop online. There are many online stores and sites that can be used to look for products as well as buy them using your credit card. You do not need to leave your house and can do all your shopping from the convenience of your home.
- **Online Chat**: There are many ‘chat rooms’ on the web that can be accessed to meet new people, make new friends, as well as to stay in touch with old friends.
- **Downloading Software**: This is one of the most happening and fun things to do via the Internet. You can download innumerable, games, music, videos, movies, and a host of other entertainment software from the Internet, most of which are free.

Disadvantages of the Internet

There are certain cons and dangers relating to the use of Internet that can be summarized as:

- **Personal Information**: If you use the Internet, your personal information such as your name, address, etc. can be accessed by other people. If you use a credit card to shop online, then your credit card information can also be ‘stolen’ which could be akin to giving someone a blank check.
- **Pornography**: This is a very serious issue concerning the Internet, especially when it comes to young children. There are thousands of pornographic sites on the Internet that can be easily found and can be a detriment to letting children use the Internet.
- **Spamming**: This refers to sending unsolicited e-mails in bulk, which serve no purpose and unnecessarily clog up the entire system.
- **Price**: Nowadays, internet is very expensive.

If you come across any illegal activity on the Internet, such as child pornography or even spammers, then you should report these people and their activities so that they can be controlled and other people deterred from carrying them out. Child pornography can be reported to:

- Your Internet service provider
- Local police station
- Cyber Angels (program to report cyber crime)

Such illegal activities are frustrating for all Internet users, and so instead of just ignoring it, we should make an effort to try and stop these activities so that using the Internet can become that much safer. That said, the advantages of the Internet far outweigh the disadvantages, and millions of people each day benefit from using the Internet for work and for pleasure.
Advantages and disadvantages of mobile phones

Advantages:

- you can carry a mobile phone with you so you don't miss important calls
- if you are lost, you can call for directions.
- if you are in an accident, you can call the police or ambulance - and if the phone has a camera, you can take pictures of the accident.
- you can listen to music, text, play games when you're bored.
- most mobile phones have a calculator and a phone book.
- you can use a mobile phone to call your customers or boss if you are running late to a meeting.
- You can surf Internet & Connect with the whole world by Mobile.
- You can chat & video conference.
- keep in touch with friends and family
- good for emergencies
- Employees can keep in touch at all times.
- Customers can contact staff 24/7
- Phones have internet connection
- More work available
- They have cameras
- You can check your emails
- Can be used worldwide
- it can fit in your pocket.

Disadvantages:

- Mobile phones can be expensive
- They can damage your ear
- sometimes the reception is poor in some areas, limiting your connectivity (you can't talk underground or on planes).
- people use the phone while they are driving, and this can cause problems.
- They can limit your face to face time with friends and family
- They can get you in trouble at school
- Can be expensive
- can be hard to find the right package
- Can ruin the connection to the computer.
- Staff can abuse their phones if they have internet connection
- Can be hard for older people to use.
What are the Advantages and Disadvantages of Using Green Energy Technology Sources?

Today, we are now aware of the effects of global warming. Fortunately, it’s not too late and we can still change which is why many are pushing for green energy technology sources. The advantage of using green energy sources is that it is clean so it does not emit anything harmful into the air which has an impact on the environment. It is also renewable which means we will never run out of it unlike oil which is expected to dry up in a decade or so. Although green energy technology facilities are expensive to build, it requires less maintenance so you don’t have to shell out a lot of money to operate it. It can also bring economic benefits to certain areas even boost tourism. While these sound good, there are some who say that there are disadvantages to using such green energy technology. While green energy sources can produce electricity, how much it can generate is not consistent. This is because we have no control of the weather so if a certain area relies on solar energy and there is a weather disturbance, it will not be able to convert sunlight into electricity. Building these facilities also requires a lot of land so we may have to cut on farmland which is what many are concerned about if more wind turbines are to be put up. Another disadvantage is the fact that some of the green energy sources cannot be installed in certain areas of the planet. For instance, wave energy can only be utilized if the waves coming from the ocean reach at least 16 feet. The use geothermal energy can only be done in geologically unstable parts of the planet. But if you look at such arguments, places that cannot use one form of green energy technology can be substituted for another. If wind turbines need more space, they can be installed near the coast instead of putting these on land. A study shows that you can generate more electricity while these are placed out in the ocean water. While the weather is something we cannot control, it is not everyday that there is a weather disturbance so this too is not a big concern. If solar energy is being used and the sun is covered, the emergency generators will be activated and use up the energy that was stored from previously sunny days. The point is that there are ways around the arguments put up by certain individuals who discourage the use of green energy sources. In fact, research is ongoing to try and harness other means to generate the power we need.

A very good example of this is called ocean thermal energy. Power is generated by harnessing the different temperatures in the water. It is currently being used on a small scale both in Japan and Hawaii however if may have a lot promise. In the US, only 7% of green energy sources are used nationally. This was much higher 11 years ago. In order not to have to worry about the cost of oil or its abundance, we have to invest more in this clean green energy technology. We can get it from green energy sources such as biomass, biodiesel, geothermal, solar, water and the wind. These are things we have all around us and all it takes is for someone to harness it instead of relying on traditional non-renewable means to produce energy.
Advantages and disadvantages of nuclear power

Advantages:

- Almost 0 emissions (very low greenhouse gas emissions).
- They can be sited almost anywhere unlike oil which is mostly imported.
- The plants almost never experience problems if not from human error, which almost never happens anyway because the plant only needs like 10 people to operate it.
- A small amount of matter creates a large amount of energy.
- A lot of energy is generated from a single power plant.
- Current nuclear waste in the US is over 90% Uranium. If reprocessing were made legal again in the US we would have enough nuclear material to last hundreds of years.
- A truckload of Uranium is equivalent in energy to 10,000+ truckloads of coal. (Assuming the Uranium is fully utilized.)
- A nuclear aircraft carrier can circle the globe continuously for 30 years on its original fuel while a diesel fueled carrier has a range of only about 3000 miles before having to refuel.
- Modern reactors have two to ten times more efficiency than the old generation reactors currently in use around the US.
- New reactor types have been designed to make it physically impossible to melt down. As the core gets hotter the reaction gets slower, hence a run-away reaction leading to a melt-down is not possible.
- Theoretical reactors (traveling wave) are proposed to completely eliminate any long-lived nuclear waste created from the process.
- Breeder reactors create more usable fuel than they use.
- Theoretical Thorium reactors have many of the benefits of Uranium reactors while removing much of the risk for proliferation as it is impossible to get weapons-grade nuclear materials from Thorium.

Disadvantages:

- Nuclear plants are expensive to build and maintain.
- Proliferation concerns - breeder reactors yield products that could potentially be stolen and turned into an atomic weapon.
- Waste products are dangerous and need to be carefully stored for long periods of time. The spent fuel is highly radioactive and has to be carefully stored for many years or decades after use. This adds to the costs. There is presently no adequate safe long-term storage for radioactive and chemical waste produced from early reactors, such as those in Hanford, Washington, some of which will need to be safely sealed and stored for thousands of years.
- Early nuclear research and experimentation has created massive contamination problems that are still uncontained. Recently, for instance, underground contamination emanating from the Hanford Nuclear Reservation in Washington State in the U.S. was discovered and threatens to contaminate the Columbia River (the largest river in North America west of the continental divide).
- A lot of waste from early reactors was stored in containers meant for only a few decades, but is well past expiration and, resultingy, leaks are furthering contamination.
- Nuclear power plants can be dangerous to its surroundings and employees. It would cost a lot to clean in case of spillages.
- There exist safety concerns if the plant is not operated correctly or conditions arise that were unforeseen when the plant was developed, as happened at the Fukushima plant in Japan; the core melted down following an earthquake and tsunami the plant was not designed to handle despite the world's strongest earthquake codes.
- Many plants, including in the U.S., were designed with the assumption that "rare" events never actually occur, such as strong earthquakes on the east coast (the New Madrid quakes of the 1800s were much stronger than any east coast earthquake codes for nuclear reactors; a repeat of the New Madrid quakes would exceed the designed earthquake resiliency for nuclear reactors over a huge area due to how widespread rare but dangerous eastern North American earthquake effects spread), Atlantic tsunami (such as the 1755 Lisbon quake event, which sent significant tsunami that caused damage from Europe to the Caribbean) and strong hurricanes which could affect areas such as New York that are unaccustomed to them (rare, but possibly more likely with global warming).
- Mishaps at nuclear plants can render hundreds of square miles of land uninhabitable and unsuitable for any use for years, decades or longer, and kill off entire river systems.