### How to be successful in life

# **Develop yourself:**

After determining your strong points, move to the next stage. It is to develop yourself.. by enhancement, gradation and stability, don't put pressure on yourself then stop. The prophet Mohammed (Peace Be Upon Him) said: (The most beloved action for Allah is the sustainable one, even if it amounts to little in quantity). Always practice even you fail.. the failure remains in the past and you are in the present.

### Get rid of your drawbacks:

Everyone has drawbacks that limit him/her from success..

How to get rid of your drawbacks?

Confess your drawbacks, write the shortcomings that you have on paper such as: haste, lack of trust, extreme trust on others, showing, shyness and waste of time then begin to remedying yourself..

You have to know dear brother that your effort to perfect yourself and exterminating your weak points is one of the highest strong points on you and it is a correct beginning .(The one who starts correctly finishes correctly).

Control yourself: You have trusted by yourself my dear brother, then you have developed yourself and knew your drawbacks.. now be ready.. you are an independent character .. inside it is another independent character .. these characters must help you..For example:

Abdulallah is ( an independent character) inside him there is a character of a father and a child although he is grown up..

The character of a father is to care about his children, educate them and , so when you care about yourself you have a character of father.

The character of child represented in your fun..

So you have to make the characters inside you serve and target yourself..begin from inside.. and meditate the Quranic supplication(and give me a righteous offspring).He didn't say correct my offspring.. also Allah said:(until they change themselves).And( didn't say change themselves).

# The solid will:

The will is a hidden power possessed by Man. it means the self longing and tendency for doing something it feels so interested and motivated towards it.

The will is inculcated power of: desire+ need + hope.

# Google

In Dubai College of management an old lecture delivered by the founder and chair of international economic forum Klaus Schwab...

The company today is leading a new orientation known as(Googlization)which is a stage after Globalization as Google has been able to make the information as a real competitive criterion in international markets, it was able to sell the information as an east gotten commodity but difficult to produce.

It has been said if you could not find what you are searching for in the first ten results given to you by Google that means what you are looking is not available in the internet.

When Google started work it recruited 600 experts and mathematics scientists, to work for 24 hours a day to develop the mathematical equation used in researching the internet, and by so doing raising effectiveness use of the operator .Today Google doesn't employ only graduates of major universities such as: Mit and other experts in technology, mathematics and engineering in various kinds, and because it depends on the employees totally depending on continuous advancement over its competitors. Google has given much attention to employees comfort and accept their greatest attention which introduced a study undertaken lately by the American magazine (Fortune) on the first one hundred companies and it was the number one without any rival.

In the campus of the company that is located in California state, all the needs of any person is available which spread all over its eleven coffee shops and restaurants which serve different kinds of food free for employees during the day, the management of restaurant and coffee shops took into account the vegetarian employees and those who want organic food and who are on special diet, so the employee found in this restaurants all food that he/she wanted.

Also in the campus of the company there are swimming pools, gyms, gymnasium, billiards and other means of entertainment which are accessible to all employees all the time, there are no specific hours to work in Google, and the productivity measured by results not by attendance. As Google provides laundry service free for employees. There are barbers, beauty salons, massage shops and physiotherapy in addition to centers for learning foreign languages such as: Mandarin, Japanese, Spanish and French. Google has gone further beyond that, it providing an office that provides personal services for employees such as:

booking lunch for the employee and his wife at the one restaurant of the city...all of which is free.

In Google the officials give the personal health of individuals a great importance, there are medical clinics available for employees for free, and there are electric bicycles for employees so as to move from place to another inside the campuses of the company easily. The company has also provided buses that move the employees to the headquarters of the company by wireless LAN so that the employee can use his computer inside the bus, it is an idea suggested by one of the female employees who got surprised from reaction of the officials who adopted it as soon as they heard the idea without any discussion or study, it is something that never happened before in the companies that the employee worked in before.

So as to make employees feel that they work as if they are at home, Google allows them to accompany their dogs to work as long as the dogs don't bother the employees and the employees don't have any sensitivity towards dogs, a single complaint can drive the dog to home without prejudice to the employee or his rights in the company, as a part of its shares and interest in preserving the environment, Google provides helps costing about five thousand dollars for employees who want to buy cars operating by alternative energy.

In Google if the employee nominates a good person for a vacant job in the company and was employed then he gets a reward about two thousand dollars, as nice initiative from the company it gives any employee who had a new born baby five hundred dollar when his child is discharged from the hospital so that he can buy his basic supplies without anxiety.

In Google there is no uniforms, the staff member can wear anything they want during the work that makes some employees work with pajama which isn't surprising from persons who favor sleeping in his office which is attached by private room although the administration of the company encourages the employees to balance between their personal and working life.

The best thing in Google is honoring the outstanding and creative persons so everyone who has an applicable idea is give a huge sum of money and a big number of the shares of the company which is famous for big benefits in Wall Street. A year ago a 27 years old female employee developed a program which enables Google navigators to search in his personal computer files, after the application of the idea the employee won honored in a very nice party and was given one million dollars as a reward for her distinguished idea, as the reaction the employee promised the media that she is not going to work in any other company apart from Google.

One of the officials in Google said that the management of company faces difficulties in convincing employees to leave their offices in the evening and go home, they love their work more than anything else, despite the fact this costs the company extra financial and administrative expenses such as: using electricity and food. However, the company refuses the reduction of expenses on these activities. As the comfort of its employees is very important.

Google began almost eight years ago by fund about million dollars, today the value market of Google reaches about 150 billion dollars, in spite of that it still works in the same spirit and institutional culture which was before eight years, until the celebrities of the world such as: former prime minister of Britain Margaret Tatcher, Nobel peace prize laureate in 2006 Mohammed Younis and others who come to the campus of the company to be provided by human energy that stem from passionate employees of Google by creativity and innovation.

In an interview with some of Google employees one of the female employees said:(even if Google doesn't buy for me a monthly salary I will still work in it).It is so difficult on our Arab institutional to compete with Google in its institutional culture, some would say everything Google has done is a kind of imagination, maybe we differ or agree with them. However, it isn't difficult for us to build an institutional culture about Man, In Google that draw together its very simple electronic location approximately half billion persons monthly, Neither it or other companies can became international if it isn't interested in technology and neglected Man.

# The journey of Bill Gates

The richest man in the world (the genius), (the myth), (the superman), of this era...Bill Gates he is one of Microsoft founders who gained personal wealth about hundred billion dollars triggered from the first simple task made him the phenomenon of technology and business in his time.

Bill Gates always said to his teachers he will be a millionaire when he is thirty years old, it was the little time that he was belittled. Bill became a billionaire when he was thirty-one years old!!!

A journey of a thousand miles begins with one small step and the journey of billions begin with an idea..And here is a journey of Bill Gates

Who could seize the opportunity, and employee the best qualified minds, concentrate on his objective, beating opposition, control the market, issued fixed decisions and recognizing his mistakes so as to be in front face of the game.

# **Bill Gates, the child:**

(I can do anything which I concentrate in my mind).

Bill Gates was born on the 28<sup>th</sup> of October 1955 in Siatel in the USA in a very rich family with insurance fund equals a million dollars inherited from his grandfather(deputy chair of the national bank in America),but he refused to exploit a single dollar to build himself and his empire.

His father William was a renounced solicitor and his mother Mary was a teacher, and she was the prime reason in regulating his life. His father, who was called Bill Junior was a strong solicitor, but he was conservative with Bill and his two sister Christine and Libby. Since his childhood up to maturity, Bill never like wasted time or his free times, he describes dinners chats with his family as a rich environment from which one can learn more from. Bill was a simple person but in some ways was distinguished and different, he had an excellent memory, he always says: (I can do anything in which I concentrate).

One of his friends said about him in those days :( Bill was the smartest one of us all. However, he was humble although he was only nine or ten years old, nevertheless he used to talk an older person and everything he said was upper than our level of thinking). Bill used to love joining summer camps and practice all types of exercise specially swimming.

Bill Gates establishes a programming company at the age of fourteen:

Bill Gates was clever in Mathematics and Science; his family recognized his distinguished abilities so when he finished primary school they sent him to the elementary Lake Side School that is of high level. In 1968 the school decided to buy a computer, this decision changed Bill Gate's life

Who was only 13 years old?

The most interested students in computer were three: Bill Gates, Kant Evans, Pool Allen who was elder than Gates about two years and established with him Microsoft Company.

They were sitting the entire night front the computer in their free time, until they became understanding in computer more than their teachers which caused a lot of problem for them with teachers. They neglected their studies because of this new automatic machine.

Bill Gates began when he was 14 years old by writing short programs and his first program was limited games, he used to write it using (Basic) language. Hi ability to write a program stemming from his love of mathematics and logic. If Bill Gates likes to be good in a particular discipline he doesn't get satisfied in any other alternative: he began by reading the areas of commercial affairs.

In 1969, Bill Bates and Paul Allen established a company named (the group of Lake Side computer programming), it was a turning point through which the two students got to know about a lot of things. At the secondary, Bill continued in making programs as he and his friend Paul established "Tarff-O-Data" which sell a mini computer system that contains their programs for reading the data of traffic travelling through the status in America. This company did not achieve a great success but they gained a reasonable benefit and useful experience.

### The Birth of Programming Giant Microsoft:

After his graduation from school it was expected that Bill Gates will join Harvard the best university in the USA, this is what actually happened. But Bill Gates wasn't the best one at Harvard in mathematics, his conviction was:" if I couldn't be the best one in mathematics why should I study it?". Another changing point which happened to Bill it was on December of 1974 when Boll Allen on his way to visit Bill Gates, he saw through it a copy of popular electronics magazine. On a cover picture was his personal computer which was called ALTAIR8000 and he brought it to Gates, and he realized that the era of personal computer is stating and will be available for people then he began by thinking of writing a programs for every computer.

Both of them called by the company that designed the computer was called Mitts for its owner ED Roberts he ordered a simple program for computer from them, so they are started working for 8 weeks and give it a program by Basic language, Roberts said:" It was the best thing that was changing point for personal computer world". It was the main reason for birth Microsoft Company which emerged from Microsoft software. Microsoft slogan was" work hard, develop your products and win". The funny ironically that the all was working hard. All of them wore Jeans and T. Shirts.

# **Be Attractive and Distinguished for others view**

Every human being has desire to gain the admiration of others and acquisition of their praise it is a brand of life... so I'm going to give you ten rules to make you distinguished and attractive in the eyes of others.

# 1-Don't talk about your special troubles:

So sadness, pain and annoyance are signs that exist in human beings and he can't get rid of it, but he must hide or lessen it as much as possible so as the others don't get bored because they are not forced to share us our sadness.

# **2-Understand the others**:

It is nice of you to attempt understand others problems, and the Man should be courteous not just in large occasion also in the small ones, and must respect the other's sadness and express pleasure of their happiness.

# **3-** The science of listening:

The listening to others gives you attraction because the one who is good at listening to the others became loved by them as you should give others freedom of speech after that you can joint them.

### 4- Non-Transcendence on others:

Many people believe that they are above anyone in everything, so transcendence on others people affect your relationship with them, it represented in your speaking and bad behavior, while modesty always earns its owner the love of other.

### **5-** Showing admiration in the suitable time:

Everyone loves to be praised from people but not to counter degree. The human being needs to complimentary and display the admiration that renews his self-confidence, but prefer to show this admiration in its place with a sincere word at the suitable time and in suitable way.

# 6- Reasonable optimism:

The optimist is always loved, as he makes others see the world from the reality perspective, but this optimism has to be reasonable and not imaginative, and the optimist doesn't know despair, but he always renews hope in solving his problems within the available potentials.

# **7-Accepts other's comments:**

It is good to receive remarks and criticisms of others happily especially when it comes from sincere persons who only want to offer true help, these remarks may come from hateful ones. In all cases you have to accept all remarks or criticisms with a smile whatever the cost is..one has to adhere to his minds and feeling control.

# 8- Thinking joyfully:

When you think about certain topic, it is better that your character be joyful and calm, so that you can think over things smoothly and not in a complicated way, if your psychological feeling is sad, don't try to judge any matter, so that the result will be free of fear and anxiety.

# 9- Think and behave well:

To be attractive you have to behave good and if you have all these previous characteristics, but you don't have virtue of being good you will lose an important element of attraction.

### **10- Finally...Frankness:**

Frankness is a basic characteristics of attraction, as it is a must when one think with himself, and in optimism and with others...But a double faced or selfish and the one who goes against others, do you think that such a person will be attractive?

From what I read and benefited from in my life...always try to attract people through your lovely spirit and your clear heart and good faith ... Always remember that the most you gain from this life...is the love of other to you. Give yourself the right of being distinguished...and leave your tomorrow beautiful memories that make people happy when they remember you.

### Last words of Isaac Newton...Surprise!

Maybe he is a greater scientist of all... in all ages: Sir Isaac Newton... a British scientist born in 1642...and died in 1727. He began his life in high pessimism, it was in the same year in which (Galileo: Italian scientist) died where he was born as a premature child untimely in one of the most humble and poor places at (Wools Thorpe) In (Lincolnshire) it was doubtful after his birth in a view days that he will survive.

After a short period of his birth his widow mother married again and lift him under the sponsorship of his grandfather and grandmother. When he was twelve years old he was sent to the school in(Grantham)where it seemed that he didn't show only a little of academic excellence signs among his colleagues, but he spent a lot of time making kites and water and solar clocks (the dial)surely he didn't get required level of education in that period. After he left the education he spends a lot of time in his mother's farm up to 1661 he was lucky to be accepted in Cambridge University that couldn't be possible without the mediation of one of his uncles. After he graduated in 1665 without any distinction, Newton decided to be in Cambridge however he send to his village because the plague that invaded London and threating anything in it by destruction.

At home!!! He began to study all the works of great athletes and became especially interested in the object of optics and applied mathematics. It was in that period when the incident of the famous apple that fell down on his head while he sitting down the tree and made him explore the rule of gravity happened.

In the same period Newton began to develop calculus and binomial theory, as he began to think about power that makes the moon still at the same place and reverse quadratic law. Although the rainbow was known for ancient Greeks, Newton was the first who observed that pack of lights comes from the sun if it passes through glass prism it can produce group of the colors of the solar spectrum, his geniality was found when discovered that the repetition of these colors through another prism leads to regroup of this colored light packs to produce the normal light another time. Although he delivered some view lectures (he was delivering it with extremely mediocrity and weakness).he spends a lot of his time occupied in doing research which took a huge number of various scientific topics.

The result of his miserable childhood without correct parental care, it effected that he grew introvert and hated by others. Maybe it was the reason that he never got married. The great thing Newton produced, was his book(The principles of mathematics and natural philosophy)which he wrote in eighteen months just(published in 1687). The book has shown all his works in mechanics. Today this book has been considered a great scientific work produced in history of mankind. The book contained a number of rules and principles under the title of: proofs and arguments in Philosophy. Where the rule number one states the following:

(We shouldn't accept more reasons of natural things except that it is proved right and enough amount of explanation of its appearance). In addition to his favor to discover gravity and settings the rule known as (Newton's law of gravity), he has three laws of motion,(the Newton's first law of motion, the Newton's second law of motion, the Newton's third law of motion). There hardly sciences free of Newton's name whether in law, equation, and discovery; he touched a numerous fields and contributed more in it. His contributions multiply for example: Astronomy, electricity, magnetism, hydropower, mathematics, mechanics, physics, air conditioning and refrigeration, heating, optics, the light, and ballistics movement. Many contemporaries scientist who come after praised him those were: Albert Einstein who said:

(Importance of Newton investigation weren't important just in being him found a basic flammable and satisfied from logical side of mechanics in a sense... but his basic principles were very right and logical).

Ernest Bloch said:(it is difficult to contain an idea about Newton's daring when he interpreter celestial bodies loaded by all kind of myth by special automatic laws, his earth explanation has opened a huge loophole in sky).

Dalmber said:(this great genius Newton has recognized that it is the time to edit the natures of speculations and obscure assumption and to put this science for experience and engineering only...he deserved no doubt by enriches the philosophy of a huge number of actual good things by gratitude. But maybe he did for its sake more than that he learn it to be wise and to be in correct limited that daring).despite all that he accomplished in education, genius, discoveries and inventions that witness by all the scholars before public in all fields and through all sciences,,,,,

### But he wrote this phrase in short period before his death:

(I look like a child playing in sea coast... and find every now and then a pebble or beautiful shell more than others; all the truth appears in front of me such as great wide ocean I didn't discover anything from it yet.

# Short brief about Newton's life and his most famous discoveries

A scientist like Isaac Newton who no two disagree upon his education, he deserved to be among the greatest scientist if he is not the most prominent of them all. He is tells us: all his discoveries are just like pebble,, and the truth is like great large ocean which wasn't discovered yet, he said he looked like a child who picked up a shell(just a shell) of sea of sciences, despite his geniality which was not argued by any other scientist or scholar. So why we were not satisfied by what we learned at school and we became repel out of anything that may develop our perception. Note that the education is a duty for every Muslim as long as the time and ability are available. Newton didn't learn a lot at school, and didn't become creative in it. He began in education in the correct form in his house (as pointed by the two mentioned references). There are many scientists who develop their mind by themselves in their laboratories. The school is just for giving basic tools for us: so as its swim after that in all the seas of sciences and its oceans. Despite all the conditions that Newton faced in his life from isolation and death of his father and the marriage of his mother and leaving him with his grandfather and grandmother and the plague invasion in London through his study and work in mother's farm, he was never married and the disease that affected him a lot and was a reason behind his death. All these conditions never prevented him from reaching the great scientist in all ages.

Towards Learning Discovery and Invention whatever our Condition were...

Allah the Almighty said, in the name of Allah :( only those of his creatures fear God who have knowledge). God is great. The prophet(Peace Be Upon Him) recommended us by seeking a knowledge whatever set back it, already he said:(seeking a knowledge if it in China)at those days the China was in the end of the world although he commanded us to travel to it if we want to seek knowledge. So why are we lazy??? Why did we stop anything that adds to our invaluable minds???

Why did our concentration become to waste time, instead of time being in support for us however the benefit will be.

But I preach all that the knowledge became easy to reach us, the scientific progress has facilitated a lot of our task and saved us the travel monthly to the West and East earth requesting for knowledge that serves our nation and put us in the right path towards the future...at least at little comforting! So this internet has many websites and groups that add to you a (knowledge) or so then (information culture), it is the only way to return the Islamic nation to its natural place... on the top of the world...To the earth prevail again,

I hope everyone without exception to be distant from selfishness in important matter like that I believe that it must forget the small desires for every matter serving a major issue.

### Isaac Newton died in 1727 says:

(This very system, planets and meteors cannot emanate of wisdom unless from a great knowledgeable creator).

Faraday died in 1867 one of the giants of physics said:

( I believe strongly that the study of natural physics is a good school of mind because the rules that the creator has imposed in all creation things and its amazing union and cohesion and the stability of material and its rules all that make the natural science the best school for teaching the mind).

### Fineman, Noble prize winner in physics in 1965 said:

(If happened, a disaster has been claimed of scientific knowledge, it was possible passing only one sentence to next generation the atomic theory will be stated that all the things made of atoms and it is a small particle moving permanently attractive each other but it repel if we tried to pin it by each other).

Armstrong the first one to walk on the moon (in the 1960s) says when he steps on the moon:

(It is a small step on moon but it is a giant leap for humanity).

### Einstein (Nobel Prize) 1955 says:

(Matter and energy are two sides of the same coin)

#### Aristotle 1955 says:

(The experience in truth and theory it isn't verification of the results usually).

# Max plank (Nobel Prize) famous for his introduction of quantitative theory1947 says:

(Physical matters cannot be determined through aesthetic considerations but the way for it resides in empirical work and it is required a hard and boring effort).

### Galileo 1642:

He proves that although the lack of means that the time of falling the light and heavy bodies don't depend on mass; says:

(This truth and others truths which I could prove of it aren't a view number or that thing that doesn't deserve to be known but the matter which I believe is more important of this distinguished science that consider in the beginning a practical, and there are means and way will help brightest minds than my mind to discover a new dimensions).

### Laplace 1827 says:

(Newton was lucky twice the first time because he had the ability to discover the basis of physics universe and the second time that he doesn't have any competitor because there is only universe).

### One of the Newton's messages says:

(If I had entertained with abnormal phenomena resulting of bringing metal needle nearby an amber piece of silk, the flame resulting of these treatments reminds me of the lighting but in very small level).

### Newton declaim Robert hook saying:

(If my vision extended beyond others vision that returns to the fact that was standing giant shoulders).

Comment: By giant scientists he means Galileo and Kepler.

# Newton before his death said:

(I extend my vision to the infinite ocean of truth it that wasn't discovered yet).

### Jowl the owner of energy saving theory died in 1889 says:

( I will take notice constantly to repeat experiments and develop it very convinced that the great powers n nature-by order of the creator-inability and where exhausted a mechanical power so an equivalent and disciplined quantity of heat will always generates).

# William wall is a physician who wrote in a scientific magazine in 1708 talking about static electricity says:

( I found that when I knit an amber we get light and sharp sound seem to be like thunder and lightning).

### Benjamin Franklin the discover of lightning arrestors was about to be shocked electricity in the experience in 1725 says:

(It was never in my life interested in any studying as I was interested in this phenomenon that took my time and mind).

### AL-Hassan Bin AL-Haytham in 1039 says:

(The light responds of visible objects to eye then the vision will come true).

#### **Rontgen is the discoverer of x-rays in 1895 says:**

(To be brief I will use radiation expression to distinguish these radiation of others, I will called it X-ray).

# Marconi the first one who sent signal via wireless for one kilometer in 1895 says:

(It seemed to me that if this radiation has been strengthened and developed and controlled by it, it is possible to send signal across space for long distances, he said that my major problem is in a primitive idea and a very simple in its logic to the extent that I believe it is hard to believe that another one didn't think to apply it. I argued with myself and said there must be more mature scientist than me who followed the same thinking line and achieving almost similar results).

### Archimedes lived between 212-287(before almost 2250 year):

After he achieved to the famous law (The underwater body apparently loses....). Archimedes jumped happy and say (I found it I found it).

### The secrets of success

- Delaying is a thief of time, life, and success, so give the will to destroy it.
- Apply the principle of delaying in all your activities, and decide consciously not to do the insignificant tasks so that you have more time to your basic tasks.
- Time management is the only basic habit for enjoyable adequate and with a high performance life.
- The happiest and most productive people they are perform a wok feeling them they are happen differences in the work, are you like that?
- In times of rapid changes, it will show in the end that 70% of your decisions are wrong and it a major time saver.
- Great people exploit the time as if everybody is watching them even if there is no one who sees them.
- The first hour of the day is the adjuster to the whole day.
- The only thing that you have is the full control over is your thinking so use it well.
- To be successful do what the successful do and continue to do get the same results.
- You have to be the person that you want before you will see this person outside.
- The great secret of success is that there is no a secrets of success, it is only the permanent principle that proves its effectiveness over the centuries.

- Life has special code, and your aim is to find the correct number in the right order so that you can own anything you want.
- Be compatible, this raises your reputation in front of others and makes you feel good.
- When you are younger, you will be anxious about what people think of you, and when you grow up you will be aware that nobody thinks about you at all.
- Those who don't have aims, are destined forever to work for those have aims
- Self-responsibility is the basic feature of completely mature individual based on his work, who is self detective
- Any opinion, plan, aim or idea is always found in your conscious mind, you have to bring it in reality by your distinguished mind.

### An amazing story

To take the wisdom I hope of you treated it, a doctor in one of the universities, who knows his God very well..went to the one of European countries, Britain, they checked his body and said to him disease is intense and your heart is weak.. you must have a very serious surgery you may survive or not.. he said I will go to my family then I give back the secretaries to their owners and be ready then I will come back to you... the doctors said: don't be late because your case is critical. He returned to his country Egypt..He sat down to his family..and made them patient because he don't go back to them again... and he greeted whoever he wanted and get ready to meet Allah. He says: I went to my friend to say hello in one of offices. There was a butcher at the office when I sat down there I saw an elderly lady. She had a bag and collected the dropping bones, meat and fats from the rubbish. I said to my friend wait..then I went to the elderly woman wondering.. what are you doing???!!!

She said: I have five little girls nobody helps on them and they didn't taste meat for an year.. so I loved that they smell it if they cannot eat it.. he said: I cried out and took her to the butcher and I said to him every week this woman will come to you and you will give her meat on my account. The woman said we don't need anything... I swear to every week and take what you want of meat...the woman said: I need only one kilo, he said: give her two kilos for one year. When I paid the cost of the meat for the woman she prayed crying then I felt vivid and high ambition..then I come back home very pleasured. I am doing a good work and feeling happy..when entered home my daughter came and said: My father your face so changed like feeling joy. He said: when I told her the story she began crying. My daughter was wise she said: my father I will ask Allah to heal you from your disease as you helped that woman.

Then when I came back to the doctors to perform the operation The doctor said angry: where have you been treated??.. I said: what do you mean??..He said where did you go? to which hospital??.. I said I swear I didn't go to any hospital I just say hello to my family and come back..he said: it is not true there is no disease in your heart!!.. I said what do you say doctor?!!! He said: I am telling you that your heart is haled. Either you are not the same man or you went to another hospital. So please give me the medicine you used what did you take???... I said I swear I didn't

take any thing it is just by prayers of an elderly woman and my good daughter...

(what you send for yourself of the good, you will find it with God better and greater in reward).

### Listen

- There are two things that have no limits, the universe and the stupidity of Man, though I am not sure about universe.
- The important thing is don't stop asking.
- The most beautiful sense is an ambiguity; it is a source of Art and Science.
- Everything is great and inspirational made by a human worked by freedom. If the reality didn't comply with the theory, change the reality.
- Madness is to do something irregularly and expect a different result.
- The truth is proving before the trial exam.
- Any foolish can make things seem bigger and most complex, but you need to be brave and genius to make it the opposite.
- The imagination is more important than knowledge.
- The truth is only illusion, but fixed illusion.
- The man begins with life, when he can live outside himself.
- I am not think about future, he comes quickly.
- Who didn't make mistakes, he didn't try anything new.
- The education is an amazing thing, if you didn't live of it.
- The secret of creativity is to know how you hide your sources.
- The science is just rearrangement of your daily thinking.
- We cannot solve a problem by using the same mind that you make it.
- The culture is what remains after you forget what you learnt at school.
- The equations are important for me, the political for the present and the equation is forever.
- If A was equals success, so A equals B+G+S. where B equals labor G equal play. S equals be silent.

Whenever the laws are close of reality became unstable, and when they are close of stable became unrealistic.

- I don't know the weapon that Man will use in third world war, but I know he will use the stick and stone in fourth world war.
- The most valuable thing in the world is intuition or bright idea.
- The only thing that I allow to interfere in my knowledge and researches is my information and my special culture.
- The science without a work is lame, and religion without education is blind.

- I am not talented, I am curious.
- Between the past, present, and future there is only an illusion in thinking of the human mind..if you are noted the sad time we feel that is long while the happy days we feel it pass as a minute. This is relativity.
- The best bad habit is silence about arrogant virtue.
- The intuitive mind is a sacred gift, and the reasonable mind is a productive server..we created a society which respects the servant and forgets the scared gift. All religious, Arts, and Sciences branched from the same tree.
- The relativity teaches us bond age or the relationship between different descriptions to something with truth.

### Madness of a boy

A real contemporary story of Arabic invention of assassination in its cradle from a long time in the beginning of the second half of the twentieth century. It was almost more than a half century. In one of the Egyptian villages in the southern provinces of Delta in the Republic Arab of Egypt. These events happened to a little boy born in a poor family and the majority of their members of this family were working in different fields of car maintenance whether in maintenance or operation, where the habits of ancient Egyptian family previously that every family father was a school of his children and working hard in teaching his children since they were young. All his experiences in the field of his work so that become his inheritance in his profession and experience which he made over time will not get extinct from his fathers and grandfathers by obligation following their education in books and at school. In this environment at place and time in which he grew up a little child since his childhood his name was Shahaat Saeed the elderly son of the owner of the maintenance workshop which repairs cars. As a result, the boy was accompanying his father from the beginning of the primary school of his education to help him as the elderly son of his father after the times of study, and during the summer holidays, so he learned a lot from his father to tackle most of the problems of maintenance and repair of the cars.

His father was careful a lot on following his elder son on his studying at primary school together with learning maintenance and repair the cars in his special workshop. The little boy, Shahat, loved car dealing with them and with its parts as his major hobby is to overcoming the special problems which are produced by running cars. He became famous at that period among his companions in manufacturing models of cars of different shapes and models where used in children's toys made of iron wire and card board. Shahat throughout his childhood had many ideas and behaviors that was considered by others as madness even his father, who had the excuse because he lack of education and the strange things that he hears and watches his little boy and eldest son. He laughed a lot of his ideas and manners at the beginning, that made the little boy insist on communication in his mind so as to achieve a satisfactory to avoid his father and other sarcastic comments. When Shahat was twelve, he was in first intermediate and he loves reading a lot in all fields and wasn't satisfied with reading and studying the curriculum prescribed. One of his habits was reading all the papers that he gets even the paper which he made fruit sacks or in which he warps the purchases or foods a part from what he saves from his pocket money to purchase the books and magazines.

In this period of stages of that little boy growth he invented ways to form his ten fingers by hands folded, so that he can find solution to all multiplications table issued from line 1\*1 to 10\*10 which impressed all his teachers and the headmaster of the school. They praised this student and his idea and were published in wall magazine of the school, the center of speech of the headmaster to students in the morning of school day and the headmaster of the school called him the engineer of account as his nickname still was repeated among the teachers and his colleagues at school. That was almost in 1968 and there was no one who heard about finding machines calculator.

These events had an effect on the character of Shahat, and that increased his insistence and hopes upon his ability in thinking of everything around him, to find solutions for problems that he sees and where they hinder the human ability in all life affairs.

For his young age and lack of education at this stage, he faced many problems in understanding certain things in life, especially in the field of cars which was admired him movement of parts in cars and its equipment, he was always asking his father many questions as his first reference to maintenance for satisfying answers, although his father was sometimes annoyed from his many questions and enquires in the field of car, to the extent he cannot answer sometimes because the difficulty of questions to his father at that period, but he didn't get desperate where was and still patient and perseverance and determined and insisting to reach what to prove it as right and opposite in any thoughts in his mind, he tries to find satisfactory answers for him as he can understand that by using his own thinking to get convincing inquiries according to his imagination at this age, which surpasses his father answers about his questions and inquires. It is throughout go to who has experience in this field. He had a lot of insistence to get what he wanted as information that cannot find the answers from his father or who believe that they have more experience than his father. Therefore, he didn't find a way except reading books and special scientific magazines of cars at that time, the curiosity in Shahat make him tries to check some of the parts of cars and identify them very well. He tried to modify the design, to achieve the best results of running of these parts, and thinking in some parts of cars that require modification on another car, in different kinds of cars for unavailable of parts.

For his great love of cars, he was dreaming in a sleep by simple and numerous ways to solve some car crashes and workshop equipment, which he spoke about to his father before sleeping, so his father was glad because his son is attached to cars and finds solution for most problem of operations that his father didn't think about.He had an old and great experience in the field of car repair, although admiration of his father by his thoughts he praised him by phrases of encouragement and financial rewards for his ingenuity thinking which gives him many motives to more progress, so that one day he achieved, when he was Fifteen, and created the idea of first car that can move on earth, and passes the water barriers as well as barriers, and can fly as helicopter, by designing the external from of it.The special gearbox by transforming single engine movement to operate in that vehicle, whether in air, land or sea.

He talked to his father about this invention he was pleased with him and his success and gave him a reward. His father began to spread this report among car owners who come to his workshop, and some people were interested in this innovations to help implementation by this innovation or help in achieving the ideas for those interested in this matters in the country.

Due to lack of thinking in human minds in this period of time, the little boy faced strong insults of most people and many charges against him and his father considering them as mad, then Shahat got psychological frustration, and began doing and thinking and making innovation secretly, so as not to be accused of madness. After he finished his education in intermediate school his passion for cars reached its peak, so he rushed to industrial education, to begin enrollment in cars department, with obligation by work in his father's workshop, he began to progress day by day in education and in his simple ideas in making reforms in cars in his father's workshop, so then he begin to be famous in his town with his father because he can fix what the other workshops cannot fix.He has a considerable progress in his education for his teachers at school, he became excellent in industrial high school a big fame among his colleagues during study years which have passed until he finished his study at industrial high school, at the department of engineering of cars and tractors, obtaining a diploma of industrial high school in 1974 with outstanding superiority where was the first in Menoufia province at the diploma of industrial high school as well as the third at the level of the Republic and he obtained a reward from school for that.

After a long period of time, while he was watching T.V he saw by chance his innovation in front of him, after being made in other countries so he felt sad about his lost innovation, because the deep ignorance and default that surrounde those who are around him, although his very sadness for losing his invention of car that can move on land, sea and air he became very happy, because he can prove for himself at first: he isn't crazy, but he won in his thinking, he excelled the world in his thinking and innovation to this vehicle, he gathered. All people who charged him in his childhood by madness, they made him feel a psychological frustration for long period of time, to narrate to them what he watched on T.V, it made him regains his self confidence, and he was assured he isn't crazy but he is intelligent and with constructive ideas.

# Andria Marie Ampere

The physicist athletic French Andria Marie Ampere in the beginning of 1800 worked in Paris, France. He used his skill in mathematics, statistics to observe and measure natural events discovered by other European scientists.

He has continued in his work until finding a complete proof of the relationship between electricity and magnetism, he also developed a new way of classification of chemical element. Ampere was given to the basic unit of electricity, Ampere or Amp.

# His Birth and Growth:

Ampere was born on twentieth of January in 1775 in Lion city, in France, since he was young he studied religion sciences at the same time he was reading books of different topics to educate himself.

In 1887 when he was Twelfth he studied and mastered understanding the whole mathematical knowledge available for him.

In 1799 Ampere married and worked as a mathematical teacher in Lion city.

1801went to Bergen press then to Paris, when he was 26 he became a teacher of Physics and Chemistry in (Liquol Central). Ampere completed his mathematical studies then he did studies about theory of probability.

### **His Achievements:**

In 1802 he published (opinions about mathematical theory of Gases).

In 1808 he published Nabilon appointed him general inspector for the system of university. Then after that became a teacher of mathematics in (Liquol Bolyt eknik) in Paris, through the next view years, Ampere worked in Chemistry during his free time.

In 1814 he published a research about the theory of gravity of the universe in which he sought to explain the reason behind the existence of some materials in solid form and others in a liquid form, and what is the reason of transparent something, as he published research about mathematical sciences called by(calculus).

In 1816 and based on works of French chemist Antonie Lavoisir (1794-1743) and the works of Swedish botanist Carlos Linaos (1778-1707) Ampere found a new way to classify the chemical elements.

In 1827 he published(Notes about mathematical theory of electrodynamics phenomenon, derived entirely from experiments). Which contain full proof of his theory which says that magnet is electricity in moving made, it is the basis of electromagnetism modern known nowadays by electrodynamic. His works in the fields of scientific research Ampere made machine to measure electricity flow, called after that by galvanometer.

Ampere died on the 10<sup>th</sup> June at the age of sixty one in the French city Marseille.

In 1848 power supply unit called Ampere(Amp).

# Hawking

He is one of the most prominent theoretical physicists worldwide, he studied at Oxford university and earned the honor degree in physics and he finished his education at Cambirdge university to get (PhD) in cosmology, he has theoretical researches in Cosmology and researches in relationship between black holes and thermodynamics, and he has studies in chronology.

He was born on oxford in 1942, he had a neurological disease when he was 21 years old, sclerosis lateral disease it is deadly disease and hasn't medication, and the doctors said that he will not survive more than two years, however he fought the disease and lived a long period more than the doctors said, but the disease makes him seat and unable to move, in addition he can compete and success with his peers of physics scientists despite their hands were safe and can write the complex equations and long accounts on papers, Hawking was in an believable way writes these accounts in his mind, and he was so proud that he has the same little and the chair by Isaac Newton.

Hawking was connecting by special electronic device connected with chair from which he received the commands by the movement of eye and head to give stored data in device which is a computer designed by Entel company in a special form.

Hawking was lucky by distinguished family especially his wife(Jane Wilde) that he married her in 1965, Hawking was example in challenge and patience and fighting the disease and achieving what the healthy people were incapacitate, as for in scientific side, Hawking was characterized by humor, and he helped children and children's villages, and shared in demonstration against war in Iraq.

# **His Contributions:**

Hawking released his theory in 1971 in conjunction with mathematics scientist Roger Benrose, which proves mathematically and through theory of general relativity of Einstein that black holes or the collapsing stars by gravity in special case in space(as it is an event that has a beginning point of this time?

In 1974 he proved theoretically that the black holes remit radiant unlike the whole theories put forward at that time radiant is called after his name(Hawking Radiant) and used theories of quantum mechanics and rules of thermodynamics.

He developed with his assistant (Jim Hartel from the university of California) the unbounded theory of the universe that changed the old perception to the moment of big explosion about cosmology in addition to the fact that it is not contradict it as the space is a regular and closed system.

He published his book (brief history of time) in 1988 that achieved sales high numbers and fame, Hawking believed that the normal Man must know the principles of the universe, he had simplified theories smoothly.

In 1993 he published an article titled(The Newborn universe and black Holes).

In 2001 he published his book(The Universe in the Crust of a nut).

In 2005 he published new copy from his book(Brief History of Time). To be simplified for readers.

Steven is characterized by high intuition where he answered the question(what come after big explosion in the universe)? His answer was that question was similar a question(what is the place that is located in the North of North Pole?) this answer was a simplified for his theory around the closed and infinite universe.

# Isaac Newton

Newton is power unit in the system per kilogram second and it is the power that if affected on one kilogram mass to earn it an acceleration of one meter per second, this unit called by Newton commemorates for the scientist Isaac Newton the physical and English mathematician scientist.

### His Beginnings and Biography:

Isaac Newton is a philosopher, physicist and English scientist. He lived between 25 December 1642 to 20 March 1727, by Cesarean calendar or 4<sup>th</sup>the January 1643 to 31 March 1727 by Gregorian calendar, Newton presented a scientific paper describing the force of cosmic gravity and paved the way to the science of classical mechanics through the rules of motion. Newton shares Libnez the right in developing differential calculus branch of mathematics.

He was born a view months after his father's death, he was pale and unhealthy, but he could survive and his childhood wasn't happy as his mother married after few years of his father's death and lived with his grandfather, but the relationship between them wasn't that good where he didn't mention him in later years, he belonged to a wealthy family with agricultural assets and didn't appear in the first stages of education any genius on the contrary, he was described as lazy as he wasn't interested by his lesson, distracted and mediation, loved isolation and enjoyed nervous mood but he had a skill with the movement of his hands and his mother believe that he will be sailor, carpenter or farmer and so then she took him out of school to supervise and manage her properties, but he proved his failure and the family has met to solve these problem with lazy boy.

In those circumstances there is no option except return the boy to school his love for reading begin in twelve years old, his uncle saw that the best preparing to join to university in 1661. He was at that time older than the age of his classmates.

The desire of Newton was to study law but Galileo's works in physics and theory of Cooper Knicks astronomical attracted his interest in particular, so that Newton entered ideas at that period in notebook called by Specific Philosophy Question, Cambirdge university at that time was like other universities still overwhelmed in the teachings of Aristotle so then Newton and his classmates should receive lessons about the works of Aristotle and Plato and common view at that time is the earth is the center of the universe but at the same time the works of physics philosophers attracted him such as: Rene Descales as effected by athletic Isaac Barow who encouraged him to be interested in mathematics and led him to study optics he had worked through his final two years in Cambirdge to strengthen his mathematical skills and study the works of scientists and philosophers of renaissance so he neglected his academic study and earned a B.A degree in April in 1665 without getting the attention of anyone.

It is clear that his genius didn't appear at that time but it appeared suddenly with an event which happened in Britain that is spread plague so the universities was forced to close its doors prompting Newton to go back to his village to spend about two years.

Newton has put the basis of calculus in Mathematics after many years before the independent discovery by German mathematician Lebnez which resulted in multiple charges not proved against German scientist that he stole Newton's idea. Both of Newton and Lebenz developed theory of differential equation separately used different symbols in the descriptions of differential equation but the way that followed by Libnez the best solution introduced by Newton. However, the name of Newton is still connected with one of the sciences symbol (//) (color color).

At that period Newton did the great work in unification the laws of movement in physics, where the German astronomer Yohana Kepler discovered three rules governing the movement of planets around the sun, but that laws hadn't any relation or connection with other movement in universe, the more important than that it was purely practical laws derived of many astronomical data which were gathered by his Danish astronomic teacher Taykho Baraha; he also discovered in this stage the law of common gravity and global heaviness, also he discovered binomial theory and studied through this duration the circular movement and educed his analysis from his analysis application or moon and planets the relationship of reverse quadrature where discovered that central power that effect planet contradict inversely with its distance from the sun, and it is the relationship which became after that a critical law of global heaviness.

In these two years Newton united Mekanic Kepler and Galileo and reached their works to its logical derivation and proved that the movements of dynamic scientist can be described by basic mathematical relations suitable for anywhere in this universe until the mathematics gave physics basic theoretical which has no similar before.

When Cambridge university opened its doors in 1667 after eradication of plague, Newton submitted to work in it in academic job. The strange that he concealed his discoveries with regard to laws of movement and law of cosmic gravity, but as a result of academic readings of his works in mathematics, Newton became a professor at university in 1669 to begin a second stage of his life distinguished by great efforts and immortal contributions.

Newton studied optics in 1670 to 1672, at this period, he check of refraction of light and proved that the white light can be derived into many colors when passing through prism, and can therefore collect color packs through lens of other prism to contain white light again. By this conclusion, Newton was able to invent inverter telescope to overcome the problem of colors which appear in telescope depending on refracted light.

Newton has returned to his research work in gravity and its effect on planetary orbit based on the rules that set it up Kepler in laws of movement, after consultation with Hook and Flamsted, Newton spread his conclusion in 1648 that took the laws of movement.

Newton has published his paper" principia" in 1687 with encouragement and financial support from Edmond Haley. In this paper Newton lined the three cosmic laws and related to movement and no one can modify these laws for 300 years!

After Newton had released the theory of Principia, he became famous globally, and the fans surrounded this circle included the Swedish athletic Nicolas Fatio De Dweller who created strong relationship that continue until 1693, the ending of this relationship led Newton to nervous breakdown.

Newton could be a member of parliament in 1689 to 1690, and in 1671but session records didn't mention anything about Newton except that the session hall was cold and he ordered them to close in the window for warmth!

In 1703 Newton became president of Royal Academic and enables to create enmity with the astronomer John Flamsted in his attempt to steal Catalogue of astronomical observations owned for Flamsted. The queen awarded him the title gladiator in 1705. Newton was never married and hadn't children and died in London city buried in a West Minister Apie cemetery. "Hook" and "Newton" differed more through years and they have hot discussions about who discover the account of calculus is he" Newton" or " Germany mathematic scientist" Lintez, but the truth that more Newton discoveries was common at that time was other scientists reached to basis, but Newton skills and genus are find in a knit this threated with each other, then led to the final results. He published the book of basic principles that describe the scientific application of dynamic which summarize in laws of Newton in movement and gravity in 1684 and the book of optic in 1704.

# The Most Important Achievement:

Newton was the first in proof that the earth movement and movement of spiral stars governed by natural laws, and the name of scientist Newton is connected with scientific revolution. All the favor is repeated to Newton for providing the mathematical laws to prove the theories of Kepler related by the movements of planets.

He expanded his proof and he has said that the orbit of comets is not oval!

Newton has the favor to prove that the white light is mix of numerous lights and the lights contain of small bodies

### His Works and Discoveries:

In 1668 Newton made the first reflective telescope and its features that is used the mirror instead of lenses, and also characterized by its small mass despite its big size then it is easy to move, it used in detecting of distant spiral stars of week light, he did the operation of bouncing the sides currency to prevent eating through his work as a manager of House Money Instrument in London.

# The Law of Universal Gravitation:

Between the years 1664 to 1666, Newton discovered the gravitation and law of universal gravitation where he narrate that he was sitting one day under apple tree slack and suddenly in moment of silence an apple fell down above the head of Newton and begin to think in this case which passed to him on passed on million people except him without took attention and begin says why the apple did fall downwards and didn't fall upwards here the inspiration appear that led him to the truth of gravity which is found in all bodies and attracts other bodies strongly, then. Newton coined the law of universal gravitation, although some persons says about this event is myth and didn't fix in science as Newton interested in the movement of bodies.

Newton proves that there is a power of natural gravitation between the sun and the planet which makes planes revolve around the sun in oval orbits.

The law of universal gravitation states that two spherical bodies in existence attract each other by strongly gravitation, this power fit directly with multiplying block of two bodies and inversely with quadrate of distance between them. The greatest benefits of law universe is helped to discovering some planets it caused Hershel discovered planet of Uranus then planet of Neptune and Pluto then by other people.

### The Laws of Movements:

Newton has explained the three laws of movement in his book mathematical assets of natural philosophy.

### The laws are:

### Newton first's law:

it states that a static body remain static and the moving object remains moving in straight line by regularly quick within external power has effected on its status.

### Newton's second law:

It status that influence outcome power on body equal timetable to change in quantity moving the body and the direction of this power is the direction of quantity moving.

### Newton's third law:

It states that to each performance has reaction equal in the amount and opposite in direction.

### His Theory in Light:

It states that Newton's imagination in nature of light is the light contained of bodies or about very small bodies get off lighting bodies in highly quick and passing in street lines, and the evidence is the image be through holes obscured shadows the vision of bodies which on just line of sight.

# **Newton Works:**

His works are a lot such as mathematical assets of nature philosophy which published was in 1687 in which he explained the science of mechanics and laws of movement and fluid mechanics, phenomenon of ebb and flow, the movement of moons, planets and comets and how the general gravitation law explains the movement of spiral stars and falling bodies on earth and he has the book of optics that he explained his theories of light. He took discovered in 1663 the calculate of integration and differentiation.

### What Is Said About Newton?

Einstein said the importance of Newton investigation wasn't in his finding one essentially usable and logically satisfactory from the mechanics side in a sense. His basic principles were very right from the logical point of view.

Ernest Bloch said it is difficult to form an idea about Newton's audacity when he explained the spiral stars in heaven by all myth by pure laws and his ground interpretation opened a huge opening in the idea of sky.

Dalimber said this great genus Newton realized that it is the time to free nature from speculations and obscure assumptions to subjugate this science just for experiment and engineering. he deserved no doubt by enriching the philosophy by a huge number of actual cheeses by its gratitude but maybe he did more than that he taught her to be wise and to be within the limited audacity.

The French scientist Laplace who considered one of his students and continue his research said that his book the principles of mathematics for natural philosophy will remain the biggest evidence on the deep of geniality and its greatest, he discovered to us about the great law of universe.

The author said when Newton discovered the law of cosmic gravity and the calculate of infinite and the theory of light so he took notice of not announcing his discoveries in public.

The American professor Mikel Hart has classified human history, in his famous book the most effective hundred characters in history.

As for the first character of that classification is the character of prophet Mohamed (Peace Be Upon Him).