The Reality of the Earth and the Moon Islamic and Scientific Perspectives

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Abstract

This article provides a comprehensive overview of the realities of the earth and the moon, Islamic thought and scientific perspectives. His research style will be narrative. A review of the literature has revealed that astronomers have described the division of the universe in such a way that our earth is a planet that is engaged in two types of rotation at the same time. An incomplete rotation, in which the earth revolves around its axis. It appears day and night. In such a way that the part of the earth which is in front of the sun, there is day, which is hidden from the sun by rotation, and there is darkness, that is, night. The second rotation of the earth is its orbital rotation. This rotation is completed in a year in the form of a tawaf around the sun. As a result, the seasons change and then different planets like the earth move in the same way. These are the nine planets that revolve around the sun in their orbits along with their axial motion.
The sun is a bright and fading star at the center of all these planets. This is our solar system, the earth is a moon. Similarly, other planets have moons. The sun is the brightest and brightest star in the center of all these planets. The key points of this research are that the readers will be able to understand the reality of the creation of the universe. This will enable them to access the hidden secrets of God the Creator, which will lead to a positive result in the quality of research.

Keyword: *Reality, Earth, Moon, Islamic Thought, Scientific Perspectives, Ideologies*

The Earth:

The planet orbiting the solar system in which we live is called Earth. This word is usually spoken in contrast to the sky. In the Arabic dictionary, everything below is interpreted as Earth. Imam Ragheb writes:

"الارض يعبر بها عن اسفل الشيء كما يعبربالسماء عن اعلاه"[1]

"The earth describes the lowly as the sky describes the high."

The planetary system, which is often found around the stars, including the Sun, also has the potential for life on some of the planets, but in our solar system, Earth is the only planet that is full of a variety of life forms. In order for life to be found on a planet, it has to meet many of the strict conditions set by nature for survival. Our planet provides a favorable environment for the millions of species that live on it, which has enabled this life to flourish. If the same atmosphere could provide a planet orbiting another star, there is no reason why there should not be traces of life.

Is there life on this planet other than our own?

This is a question that has fascinated mankind from day one, and despite current scientific advances, we are as incapable of answering this question on a scientific basis as a man 5,000 years from now. This scientific advancement has made us think so strongly that we can know all the necessities of life that are necessary for survival on a planet. As far as the solar system is concerned, it has become clear to all the planets that there is no possibility of life. The interior planets are very hot and the outer planets are very cold. Like other planets, life is empty.[2]

There were some diagonal lines on the surface of Mars, which human consciousness of the sixteenth century called the dug canals and rivers of the creatures living there. But Wyling and other similar expeditions made it clear that there is no possibility of life, as there are other planets in the solar system. There is now only a small amount of ice on the poles. There is also some air on the surface of Mars which contains carbon dioxide, oxygen and nitrogen gases which are essential for life but it is devoid of the many necessities of life without which Life cannot thrive on a planet.

The earth is a masterpiece of the creation of God, the Lord of Glory, in which its billions of blessings are scattered in abundance. The gases necessary for life are present here in a certain proportion and water is also abundant. The earth has been orbiting the sun for millions of years on its chest. Life on Earth has a favorable environment for its mass. Distance from the sun, temperature and air pressure also play an important role. This and many other accessories like this Together we make the earth able to breathe here.

From an astronomical point of view, the blessings that exist on the planet include the proper distance from the sun and the deep expanse of space to protect the earth from various types of radiation coming to the earth, such as the ozone layer above the earth. It is a special grace of God, the Lord of Glory that He has placed a shell of air around the earth in which we breathe and there are some atmospheric layers above this shell which are harmful to life. Prevents access to If regions such as Ozan did not surround the Earth, not only would radiation from outer space but millions of orbiting meteors flying around the Earth in

the solar system would have strayed to Earth and wreaked havoc on the Earth's surface. Spread out It is the wisdom of God Almighty that He has kept the creatures in a safe place in so many veils for their protection. Any planet of the universe scattered in the vastness of billions of light years can be chosen for the planet of the creator of the universe, Abu Al-Bashir Syed Na Adam (peace be upon him)done.[3]

Rotating Earth:

The development of space science has proven many theories about our solar system. In ancient times it was thought that our earth was the centre of the solar system and that the sun revolved around it. But space science has shown the opposite. Our earth is not completely round but elliptical and it rotates in two ways. On the one hand, the earth revolves around the sun in its orbit and with it also revolves around itself. Scientists have divided the earth into two parts for scientific research called the North Pole and the South Pole. This imaginary line separates the two parts of the earth which is called the equator. The coming of day and the going of night are made possible by the process of rotation of the earth and in this process the earth takes 23 hours 56 minutes and 1-4 seconds. The Earth completes its orbit around the Sun in 365.2422 days or 365 days on average in 5 hours 48 minutes and 46 seconds. The earth is not completely round like a ball, but is slightly flattened. Its polar diameter is a few kilometres less than its equatorial diameter. This is due to the high speed of its axial rotation. The polar diameter of the earth has increased from 12.714 km while the equatorial diameter has increased from 12.742 to 12.756 km. The shape of the earth has become like a melon.[4]

At the time of the early creation of the solar system, eight large and thousands of small gas particles orbiting the sun began to form liquids under the pressure of the first elements. At the time of its first creation, the earth also revolved around the sun in a gaseous state, and as time went on, it too became a liquid state. And light gaseous elements climbed over the lava in the form of a cover. Gradually a layer of foam began to form on top of the lava, which hardened over time. The hot lava beneath this solid layer remained in a similar liquid state. "[5]

Land Sync Location:

There is not a single thing in the eight planets of the solar system and their 53 satellites that can be said to be conducive to the existence and continuity of life. Nothing but lifeless piles.

But what do you think of this blue planet? It looks very different from other planets. Seeing all this, one realizes that perhaps it was created specifically for life.

People who consider evolution to be a scientific fact also believe in the concept of "adaptation". The English word adaption is the verb adapt. Evolutionists use the term "a change in an organism or any part of its body to make it more suitable for survival in the environment it encounters." The theory of evolution claims that all life on Earth Evolved from a single living thing that emerged as a result of a possibility in itself. This theory often uses the word "adaptation" in support of its ideas. Evolutionists say that all living things adapt to a changing environment with this particular concept of adaptation, the theory of evolution is actually a form of "Lamarckism." This theory of organic evolution states that climate change Due to this, changes in the

structure of plants and animals appear. These changes are passed on to the next generations. Scientific circles have rejected this idea on solid grounds and rightly.[6]

Even though there is no scientific basis, the concept of synchronization is still influencing many people today. That is why it is important to discuss this issue before moving on. At the next stage of action, the idea arises that life could come into being on other planets as well, as it once appeared on Earth.

Earth structure:

The earth is basically four layers

- The Crust :

This is the outermost layer of the earth which is made up of rocks. The continent and the sea are based on it. An overlay shell based on silicate. It has a minimum thickness of 2 km and a maximum length of 40 km.

- The Matle

The layer beneath the crust that consists of molten rocks is a layer of somewhat frozen silicate beneath the crust that is about 2,800 km thick.

- Outer Core

It is a layer of molten and frozen steel and nickel with a thickness of about 2,300 km.

- Inner Core

It consists of steel and nickel deposited between the grounds, which is well known for its significant differences. The inner centre covers about 2400 km.[7]

Earth formation and its stages:

Dr. Tahir-ul-Qadri has written about it in his book "Islam and Modern Science".

The Earth came into being 4.2 billion years ago today as a result of dust particles, revolving gases, and the material of small planets under construction. And pressure arose. At the same time, gravity pulled the heavier elements toward the center, and lighter elements and compounds, including gases, began to accumulate toward the surface. The outer layer hardened, although the centre remained in a liquid state. At the time of the early creation of the solar system, the first large planets orbiting thousands of small gaseous rocks orbiting the sun came into being. Our Earth also has a liquid and gaseous state. The initial heavier elements of the Earth's surface came to the center. Hoti is gone. After the solid layer climbed between the lava and the wind, the planet remained in Hawaii. "[8]

The land is divided into the following stages.

- Earth was originally a cloud of moving dust, gases, and chemical compounds.
- In the second phase, the relatively heavy particles converge towards the centre of the cloud.
- In the third stage, the initial shape of the earth, which had a central metal and was surrounded by a meteor-like substance.
- In the fourth stage, the melting of the outer rocks formed the cell and the crust of the earth, the chemicals floated to the surface from the inner layer of the earth and formed the oceans and the initial atmosphere.[9]

Examining the properties of the earth proves that the earth is designed specifically for life. Before that, in order to avoid any possible misunderstanding, it is necessary to explain some important points. The theory of evolution. Adopt is a state of "adaptation." It means "to adapt or improve oneself according to changing circumstances." When evolutionists use the term, they refer to It refers to "any change that takes place in an organism or any part of its body that makes it most suitable for its existence in the environment in question." This theory often uses the word "synchronization" in support of its ideas. Evolutionists say that as all living things adapt to a changing environment, new ones emerge. Species change. With this particular concept of synchronization, the theory of evolution is actually a form of "Lamarckism." In this theory of evolution, it is said that changes in the structure of plants and animals occur due to climate change. These changes are passed on to the next generations. Scientific circles have rejected this idea on solid grounds and rightly. Have done

Even though there is no scientific basis, the concept of synchronization is still affecting many people today. That is why it is important to discuss this issue before moving on. At the next stage of believing, the idea arises that life could exist on other planets, as it did on Earth. Then there is the idea of small green creatures living on Pluto, which somehow existed I have adapted to a negative 238-degree atmosphere. The mind also wanders towards a creature that breathes helium gas instead of oxygen. And maybe drinks sulphuric acid instead of water. Somehow man is taken to the world of dreams. People get lost in the dreams especially those whose thoughts are influenced by Bollywood movies.[10]

But these are really just fantasies that are supposed to be anything but fabrications. Despite having a fairly good knowledge of biology and biochemistry, evolutionists do not speak out against such unrealistic ideas. It is well known that life can only come into being when the most suitable conditions and elements are available at the same time. The presenters are blindly clinging to the theory of evolution. And they have kept the basic facts of biological and biochemistry above the fold. It is this negligence and indifference that has enabled them to create such beautiful and astonishing mantras.[11]

Therefore, in order to understand the obvious error in the concept of synchronization, it is first necessary to pay attention to the fact that life can exist only in the presence of certain essential conditions and elements. Science consists of principles and rules, so far only a single model has been developed called "Carbon Based Life". In addition, scientists themselves agree that even if life existed elsewhere in the universe, it would also be based on carbon. Will be based.

Carbon is the sixth element in the periodic table. This is the basis of life on Earth, because all organic molecules (such as nucleic acids, amino acids, proteins, oils, and sugars, etc.) differ from other elements of carbon. I get formed when I meet. Carbon, Hydrogen.

Earth temperature:

Temperature and atmospheric air are the first two factors that are essential for life on Earth. Complex organisms such as humans. These two very different factors emerge as a result of

the circumstances that proved to be ideal for both of them at the same time.

One of them is the Earth's proper distance from the Sun. The Earth would never be conducive to life if it were as close to the Sun as Venus or as far from the Sun as Saturn. They can stay within the limits of temperature. And Earth is the only planet whose average temperature stays between these limits.

When looking at the whole universe as a whole, it seems very difficult to reach this kind of special and measured temperature. The temperature in the universe, from millions of degrees Celsius in the stars to minus 270 degrees Celsius in space. Spread out

The American geologists, "Frank Press and Raymond Saver", have drawn attention to the average temperature on Earth:

"Life is possible only during the narrow interval of temperature as we know it. This interval will probably be 1 or 2 percent between the absolute zero negative 273 degrees centigrade and the sun's surface temperature ranges".[12]

There is also a strong link between maintaining the thermal limits for life on Earth, the heat generated by the sun and the Earth's distance from the sun at the same time. On the ground, several meters thick layers of ice began to appear everywhere. And if it increased by ten percent, all living things living there would burn to death.

It is not enough for the average temperature of the earth to be ideal, but also for the heat to reach the earth to be distributed in a very balanced and smooth manner over the entire planet. Numerous and special measures have been taken to ensure this. Have been made.

The earth is tilted 23 degrees 27 minutes on its axis. This tilt protects the atmosphere between the poles and the equator from overheating and makes them suitable for life. If this tilt were not present, the temperature difference between the equators would also be very large. In such a case, even the regions with average temperature, ie temperate regions, would not be as temperate as they are today and would not be habitable.

The speed at which the earth rotates on its axis also helps maintain its thermal balance. The earth completes one revolution around its axis around the clock. The result is that from day to night and from night to night. The interval between days is very short. This short interval also keeps the difference between the ground temperature of the bright and dark parts of the earth within reasonable limits. The importance of rotational speed can be explained by the planet Mercury. A day in there is longer than a year and where the difference between daylight and night temperature is about 1000 degrees Celsius.[13]

Ground geography is also an important contributor to the proper distribution of heat. The difference in temperature between the polar and equatorial regions is about 100 degrees Celsius. In the form of strong winds traveling at speeds of, which would blow away everything in their path. By these barriers we mean mountain chains. Some of these (mountain chains) have stretched from the Pacific Ocean in the east to the Atlantic Ocean in the west. Will travel to the Taurus and the Alps in Europe. The extra heat from the tropics on the ocean shifts to the north and south. Thanks to the ability to disperse.[14]

At the same time, a number of automated systems work to help balance the temperature of the atmosphere while operating at all

times. Even if there is no rain, these clouds reflect more heat towards space and thus the ground and temperature of the areas under their shadow do not rise much.

Earth mass and magnetic field:

Like the Earth's distance from the Sun, its speed of rotation, and its geographical features, the size of the Earth is no less important. 318 is more than sin. The current size of the earth compared to other planets is just a coincidence or has it also been considered very thoughtfully?

When we look at the Earth's dimensions, we realize that the Earth was created specifically for such a large size. Commentary by American geologists Frank Press and Raymond Saver. See:

"He says the earth’

"He says the earth's body was perfectly right. That is, no so short that its gravity is too weak and the car could not stop the gases in the air from escaping into space. Nor is the gravity so powerful that a very large plane will be formed, including the gas ".[15]

In addition to the mass of the earth, its interior has also been specially designed. Due to its core, the earth has a powerful magnetic field, which is of special importance in the protection of life here. According to Saver:

"The interior of the earth is a very wide but very beautifully balanced heat engine that runs on radioactivity. If it were slower than the present, the earth would have continued to be geologically active. Perhaps the iron does not melt and loses in the depths of the earth's interior and does not create liquid cores and the magnetic field is never formed. The light stops the way. The air would become more spacious and the earth would be badly destroyed by the earthquakes and volcanic eruptions that occur every day ".[16]

The magnetic field, mentioned by these geologists, is of great importance to the earth. This magnetic field is caused by the structure of the earth's heart. The earth's heart contains heavy elements such as iron and nickel. They have very important magnetic properties. The inner core is solid while the outer core is liquid. This magnetic field, which extends thousands of feet above the earth's surface, also protects the earth from dangerous and deadly rays coming from space. These magnetic lines, called the "Van Allen Belt", act like an umbrella. Do not allow harmful rays from the sun and distant stars to reach the surface of the earth.

It has been calculated that the "Van Allen Belt" sometimes blocks even plasma clouds whose energy is 100 billion times greater than the atomic bomb dropped on Hiroshima. Similarly, cosmic rays. Rays) can be equally damaging. The Earth's magnetic field allows only 0.1% of these rays to pass through, which is easily absorbed into the atmosphere. Therefore, we humans will need about one billion amperes of energy continuously, as much as has been produced throughout human history.

If this protective shield did not exist, the dangerous rays coming from the sun and other stars from time to time would have destroyed life on earth. The Press and Saver "states that the Earth's heart is designed with special precision and care to keep this planet safe. These words have a special purpose for all these other things, which science has regularly confirmed.

Sphere air validity:

An analysis of all of the above factors makes it very clear to us that they are all "extremely suitable" for life. Another component of "Atmospheric Composition" is also very important. We have seen that sometimes science fiction movies also mislead people. Some space creature is coming from another planet where the atmosphere is capable of breathing air. However, this is nothing but a bundle of lies. The extent to which these ideas will be presented in fiction is incorrect. The existence of any other planet, in the air of which we can breathe, is extremely unlikely, because the Earth's atmosphere is so many aspects. Is specifically designed to sustain life.[17]

Earth's atmosphere contains 77% nitrogen, 21% oxygen and about 1% carbon dioxide. Let's start with the most important gas, oxygen. Oxygen is essential for life for a special reason. Oxygen is an essential component of all chemical reactions that emit energy in complex forms, while these chemical reactions themselves are the backbone of life.

Carbon compounds react with oxygen. These reactions result in the production of water, carbon dioxide and energy. Phosphate "(ATP.Adenosine. Triphosphate) is said to combine with water and carbon dioxide to form" ATP "which cells use to obtain energy. That is why we they breathe all the time in order to survive in order to meet their needs. The percentage of oxygen in the air is also very measured and determined, on this aspect "Michael Danin" writes:

"If there was more oxygen in this air, would it still strengthen life? Oxygen is a reactive element. The current percentage of air is near the upper limit of life protection at 21% of the appropriate temperature. If the amount of oxygen in the air increases by only 1%, the natural fire ratio in the forests will increase by 70%. "[18]

The British biochemist James Lovelock makes the same point:

"If the amount of oxygen in the air was 25%, the number of species of food and the number of species on the dry side would have been very small. This massive fire would have destroyed the forests of the northern tandra to the barani forests of the hara zone. The current amount of oxygen in the air is at a point where both risk and advantage are very well balanced ".[19]

The reason why the proportion of oxygen in the earth's atmosphere is at this measured level is due to an amazing recycling system. Animals breathe and absorb oxygen and release carbon dioxide which is not necessary for them. In contrast, plants absorb carbon dioxide and emit oxygen, and this balance is maintained. Plants release millions of tons of oxygen into the atmosphere every day, thus maintaining the continuity of life.

Without balance and cooperation between these two groups of living things, animals and plants, our planet would be uninhabitable. For example, if all living things used carbon dioxide to emit oxygen, the atmosphere would be much easier than it is today and facilitated the burning process with ease, even a small spark could ignite a large fire. In the same way, if all living things continued to absorb only oxygen and emit carbon dioxide, then the oxygen in the atmosphere would soon run out and every living thing in it would come to an end.

In fact, the Earth's atmosphere is in a state of equilibrium where risk and benefit adjust to each other very well. The same idea was put forward by "James Lolak". Is placed on the most suitable level for.

Atmosphere and Respiration:

We breathe in every moment of our lives. We constantly inhale and exhale air into our lungs. We are so accustomed to this process that we take it for granted. However, the process of breathing is limited. Our body systems are so well-designed that we don't even have to think to breathe. Our body estimates how much oxygen it needs and then supplies it. Whether we are walking, running, sitting or sleeping, breathing is so important that our bodies need oxygen for the millions of chemical reactions that take place all the time. , So that we can live.

Just as the millions of cells in the retina receive energy from oxygen, so all the tissues of our body and the cells that make them use the energy obtained by "burning" carbon compounds into oxygen. It is also important to get rid of the corn dioxide produced by this burning process immediately. If the level of oxygen in our blood decreases, then we start feeling drowsy. And if there is a lack of oxygen in the body. If the presence lasts for a few minutes, the result is death! That's what we breathe.

When we breathe in, oxygen enters about 300 million tiny cells in our lungs. The "capillary veins" attached to these cells absorb this oxygen in the blink of an eye. Oxygen travels first to the heart and then to all other parts of the body. Our body cells use this oxygen and inject carbon dioxide into the bloodstream. It takes less than half a second for the "clean" oxygen to enter and the "dirty" carbon dioxide to be expelled. You may be surprised that the lungs eventually what is the reason for so many about 300 million cells? Their purpose is to increase the area of the surface facing the air. They are carefully folded in such a way that everything possible in the body. Take up as little space as

possible. If these layers are opened, they will spread over as much space as the Tense Court.

Another point to keep in mind here is that the lung cells and the capillary veins connected to them are made so short and complete to increase the speed of exchange of carbon dioxide and oxygen. It depends on many other components rather than the design itself. Viscosity and air pressure must all be properly adjusted to allow air to enter and exit.[20]

At sea level, the air pressure is equal to 760 mm of mercury and its density is about one gram per litter. Furthermore, the viscosity of air at sea level is about 50 times higher than that of water. You don't care about numbers, but in the words of "Michael Danin":

"The general characteristics and composition of the air, which include density, stress and strain, etc. Must be the same as they are. Especially for air-breathing animals".[21]

When we breathe, our lungs expend energy to control a force, also called "airway resistance". This force is the result of the natural resistance to movement in the air. Thanks to the natural properties of the atmosphere, this resistance is so weak that our lungs can overcome it by expending very little energy. And it becomes difficult to breathe. This can be illustrated by an example, it is easier to fill the syringe with water than honey. The reason is that honey is thicker and more viscous than water.[22]

If the air density, viscosity and pressure were higher, breathing would be as difficult as filling a syringe with honey. In response, it can be said that the solution to this problem is very simple. But if this was done in the case of the pulmonary veins of the

lungs, the area facing the air would be less. That is, less carbon dioxide and oxygen would be exchanged in the same amount of time and our respiration (Respiratory) requirements are not met. In other words, individual values of air density, viscosity and pressure must also be within certain limits to participate in the respiratory process, and these are exactly the characteristics of the air we breathe. Here is Michael Dane's opinion:

It should be clear that if the air density or the altitude were any higher, the air resistance would be very high and there would be no sensible change in the design of the current system of de-sufficiency. Only enable oxygen to be obtained in a suitable way. The comparison of all the possible pressures and all possible amounts of oxygen in the air makes it clear that this is only a small, unique area where many conditions of survival are being met. It is of special importance that the basic conditions are being met in a small fraction of the different feat pressure

These numerical values of the atmosphere are necessary not only for our breathing, but also for keeping our blue planet blue. The process would also be much faster. This extra amount of water in the atmosphere would cause the Green House effect, i.e. more heat would accumulate in the atmosphere and the ground temperature would also rise. On the other hand, if the same pressure is higher if it had, evaporation would have slowed down and much of the planet would have been turned into desert.[23]

All of these systems, carefully balanced and well-balanced, show that the atmosphere is designed specifically to allow life to exist on Earth. These facts have been discovered by science itself, which tells us that the universe it did not come into being by chance. Undoubtedly, the blue planet we live on has been specially designed and levelled for human habitation, informing

us of all the facts that a great universe there is a Creator who rules over it.

Balance that makes life possible:

All of the things we've talked about so far are just a few delicate balances that are essential to life. When analysing the earth, we can come up with a pretty long list of these "essentials for life."

- Gravity on the surface of the earth:

If it were stronger, more ammonia and methane would have accumulated in the atmosphere.

If the planet were weak, it would add a lot of water to the Earth's atmosphere.

- Distance from the main planet:

If the distance were longer, the planet would be too cold to continue the water cycle.

If the distance were shorter, the planet would be too hot to continue the water cycle.

- Thickness of the crust:

If the thickness were greater, more oxygen would be transported from the atmosphere to the crust.

If the thickness were low, tectonic and volcanic eruptions would be very intense.

- Axis rotation duration:

If it were longer, the difference between day and night temperatures would be much greater.

If it were short, the speed of the winds in the atmosphere would be very fast.

- Bilateral gravity process with the moon:

If there were more, the effects of tidal waves on the oceans, the atmosphere and the rotation period would be very severe.

If it were less, the changes caused by the obliquity in the orbit would make the atmosphere and the seasons unstable.

- Magnetic field:

If strong, electromagnetic storms can be very intense.

If it is weak, it will not be able to provide adequate protection from the deadly rays coming from the stars.

Albedo

(The ratio of the total light reaching the earth's surface to the amount reflected)

If there were more, the Ice Age would continue.

If it were low, there would be severe greenhouse effect.

- The ratio of oxygen to nitrogen in the air:

If it were more, the things needed for a developed life would be much faster.

If it were less, the things needed for a developed life would be much slower.

The amount of carbon dioxide and water vapor in the atmosphere.

If there were more, there would be severe greenhouse effect.

If they were low, the greenhouse effect would be insufficient (i.e. the earth would be cold).

- Ozone levels in the atmosphere (proportional):

If it were higher, the temperature on Earth would be much lower.

If it were low, the temperature on Earth would be very high and a huge amount of ultraviolet rays would be reaching the surface all the time.

Seismic Activity:

If there were more, most forms of life would have disappeared from the page.

If it were low, the important nutrients that reach the sea floor with the river flow would not be recycled and re-incorporated into the continents thanks to the tectonic uplift.[24]

Considering the existence and survival of life, I must have reached "Design Decisions". The above facts are a small part of them, but they are also enough to prove that the earth is a possibility. This is by no means the result of a series of happy events that happen "accidentally". These and countless other details are repeatedly confirming the same simple and clear fact that only Allah Almighty created the universe, the stars, the planets, He has created the mountains and the seas in the best way. He has given life to human beings and all other living beings and He has appointed man as caliph over his creatures. He has adorned him with the ornaments of knowledge. The foundation of which was the world of knowledge and cognition and then knowing the secret of this universe became the cause of all progress and it’s secret.

The Moon:

The moon is a planet of our earth. Some 240,000 miles from Earth. Its diameter is 2163 miles. Galileo made the first inquiries about the moon in 1609. He said that the moon is a sphere like our earth. He also expressed the view that there are mountains on the moon and the mouths of volcanoes. There is no air or water in it. Due to the absence of which there are no signs of life on the moon. This has been proven by manned aircraft. It is

very hot during the day and cold at night. This difference occurs within an hour.

The day of the moon is equal to our fifteen days. It completes one revolution around the earth in 29 or 30 days. The moon's orbit is increasing around the earth, that is, the average distance from the earth. The lunar and Islamic months are formed by its rising and setting. The moon not only gives us a little light at night, but its gravity also creates tides in the ocean. From the soil brought there, scientists have come to the conclusion that the geology of the moon is much simpler than the geology of the earth. Also, the moon's crust is about a mile thick. And it is a rare rock formed from the anasthro site.[25]

There are various theories about the shape of the moon, one being that it was a planet that wandered close to the earth while moving, and the earth's gravity put it in its orbit. This theory has been very popular, but scientists have objected that for this to be possible, the moon would have to travel a certain trajectory close to the earth at a certain speed, which is very unlikely.

At the present time, scientists believe that 4.6 billion years ago, a comet hit the Earth with a powerful explosion, which caused the comet and a lot of the Earth's matter to evaporate from the Earth. Gradually,

this matter orbited the earth and came together to form the moon. The water and the elements that could easily fly away, and the rest of the elements became part of the moon. This theory is also confirmed by the fact that the density of the moon is almost equal to the density of the earth's crust, and that it contains very little iron. Because the iron part of the comet had sunk into the earth which became the iron pulp of the earth. Simulation on computer has strengthened this theory.

Shahabuddin Nadvi in his book "Conquering the Moon in the Light of the Qur'an" is as follows:

"Just as the Earth and the other stars in the solar system revolve around the Sun, and the Sun revolves around a great black hole in the centre of the galaxy, including millions of stars in galaxies, so the Moon revolves around our Earth. Most of the planets in the solar system have their own moons around them and most of them have multiple moons. The earth has only one moon. The moon has a diameter of 3,475 km and is larger than the last planet in the solar system, Pluto. It has the same duration of both axial and annual rotations, which means that its day and year are equal. As its axis rotates, it also revolves around the earth in the same proportion. He goes away and thus manages to keep his face towards the earth. "[26]

Lunar Calendar:

The moon has a central position in the lunar calendar. In order to measure time from the sun, man had to go through great difficulties at the beginning of his scientific journey and this process has not stopped yet. Sometimes the months are more or less the same and sometimes their days are the same. The same is true of the days of the year. The current Christian calendar was

formed in its current state in 1582 after repeated upheavals. Counting the next day from October 5 to October 7, it was renamed Gregorian Calendars after the reorganization at the behest of Pope Gregory, who had disappeared for ten days.

On the other hand, the lunar calendar does not have the concept of a self-made leap. All calendars depend on natural methods. Naturally, sometimes the moon appears after 3 days and sometimes after 3 days, which automatically becomes a month of 3 and 4 days. Similarly, there is no need to increase or decrease the number of days in a year. The moon revolves around the earth. It completes one 360-degree cycle in orbit in 27 days 7 hours and 43 minutes 11.6 / 11.5 seconds and returns to the same place. The moon is orbiting and at that time it orbits the sun at a distance of 27 degrees, so now the moon has to cover an additional distance of 27 degrees every month, but because of the earth's rotation around the sun I get an increase of 27 degrees and I have to cover a distance of 387 degrees to complete one of my orbits around the earth. It takes more time to cover an additional distance of 27 degrees, which is why the duration of the lunar month is 29 days, 12 hours, 44 minutes and 2.8 seconds instead of 27 days, 7 hours 43 minutes and 11.6 / 11.5 seconds. This difference is

automatically filled in naturally and we do not have to change it on our own.

The light of the moon is due to the sun, just as the earth is illuminated by the sun, so is the moon illuminated by the sun. It is clear from this that Allah Almighty has said in the Qur'an against the prevailing ideas of the time devoid of knowledge and gnosis, the one who gives light to the sun and the one who is illuminated for the moon.[27]

Conquest of the moon:

In the Qur'an, Allah, the Exalted, has given the command to conquer the celestial universe as much as possible and to identify the causes for this conquest. The moon whose moonlight is very charming and the poet melts the mood and waxes the hearts. In 1969, three American astronauts stepped on it, and the human spirit conquered another planet for the first time, surpassing the vast mountain ranges on Earth. Neil Armstrong, Edwin Buzz, and Collins were the first humans on the historic day of July 1969, in the National Aeronautic Space Agency's mission to conquer the moon. 11. Ride in Apollo and reach the moon. Scientists at the ground station in Florida, USA, also gave them direct instructions, and after a short two-day voyage, the caravan returned to Earth with the necessary

experiments, as well as a few rock samples of different structures. - During the campaign, most TV and radio stations across the region broadcast the news of the bridge to people living in different parts of the world. It was a great historical event of its kind that took place in connection with the conquest of the moon.[28]

This is how the author of "The Qur'an and the Signs of the Universe" describes the conquest of the moon

The centre of the moon maintains its distance from the centre of the earth at about 3, 84,400 km. It has a minimum distance of 3, 63,300 km from the earth and a maximum of 4, 05,500 km. The Moon is the largest sub-planet of the Earth with a mass equal to 1/81 of the Earth and a diameter of 3,475 km. It is larger than Pluto and 0.27 times larger than Earth. The moon completes one of its orbits around the earth 27.3 in both. It always has one direction towards the earth. The features of the lunar surface, including pits, have been created by the bombardment of meteors, as well as mountains and large plains, which in the past were mistakenly named lunar oceans. Lasts up to 163 `C. When man first landed on the surface of the moon, he observed rocks 3.7 billion years old. They were as old as the ancient rocks on Earth.[29]

Moon Shapes:

The shape of the moon visible from the earth has definitely been determined by its extra direction towards the sun. When the moon comes between the earth and the sun, it is not visible. This condition is called conjunction in the Qur'an. And when it goes to the other side of the earth, the full moon becomes visible. The first quarter is bright on the right side, while the last quarter is bright on the left. A solar eclipse during the

Conjunction and a lunar eclipse during the Opposition. The reason for this possibility is that the moon comes between the sun and the earth at the time of the century, which leads to the possibility of a solar eclipse, and at the time of Badr, it goes behind the earth. As if the earth is between the sun and the moon. In this case, there is a possibility of a lunar eclipse. According to this calculation, one eclipse should occur every two weeks, while we see that eclipses are not observed at this rate. The reason is that the orbit of the moon is tilted towards the orbit of the earth in which it revolves around the sun. It prevents eclipses in the middle of the earth and thus in the rear of the earth.

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