In today's scientific world, the development of science gives people the opportunity to solve problems in human life, the population is increasing, resources are increasing, needs are increasing, people hope, and progress is through science and technology. It is widely accepted that it plays an important role. Role in the development of the socioeconomic status of the country. This is an incentive for everyone to follow the appropriate course of action.

I welcome the publication of this book and thank our partners who participated in the presentation of this beautiful book and all its contents.

Dr. Alireza Haghpeima

Section:……….. One thing I have learned in my long life is that all our research, measured by reality, concerns early and young children - but it is the most important thing we have. The question of whether science and religion can or do exist has existed since the beginning of humanity and continues to divide opinion today.

1. I believe that the theory of evolution and religion are not necessarily contradictory. In fact, if science and religion are understood correctly, they are not mutually exclusive because they deal with different problems. Science and religion are like two different windows opening to the world. Both windows see the same world but show different sides of the world. Science deals with processes in the natural world: how planets move, the composition of matter and atmosphere, the origin and evolution of living organisms. Religion deals with the meaning and purpose of the world and human life, man's relationship with his Creator and with each other, and the moral principles that support and govern the lives of those same people. Conflicts arise only when science or religion, or often both, cross their boundaries and incidentally influence each other's content.

Francisco Ayala, biologist, University of California, Irvine

Observation 2: Science and religion \*go together\*. The first scientists were priests. Today, religious institutions, from universities to the Vatican Observatory, promote scientific education. The proportion of scientists who are Christians also reflects the proportion of the population. Science is based on the religious belief that creation is harmonious, unaffected by nature's gods, and worthy of study. So who continues to push the “disagreement” myth? What is their process?

Jesuit monk Guy Consolmagno, astronomer at the Vatican Observatory

3. Faith and science are like oil and water. They can be mixed together but not mixed to create a homogeneous environment. Religion and science are in conflict. They have deep disagreements about how we acquire knowledge about the world. Research is based on observation and inference from observation. Religion assumes that people have access to profound knowledge that cannot be obtained through observation or thought. The research has proven successful. Religious practices are abandoned due to their failure.

Victor J. Stenger, Professor Emeritus of Physics, University of Hawaii

4. Personally, I am not religious at all, but I have religious scholars as friends and they seem to keep it together just fine. I think these people do not accept such a religion, just as religious scholars probably do not think that God created the world and everything 6000 years ago, because their research tells them that the world has a world. . 4.5 billion years of history.

Grant Kennedy, astrophysicist from the University of Cambridge

5. Science and religion are not mutually exclusive. Science is too young to understand. Whether you believe in God or not, you must believe this: When we, as a species, place our trust in a power greater than we do, we abdicate our responsibility. Faith, all faith, reminds us that there are things we do not understand and things for which we must be responsible. By faith, we can hold on to each other, a higher truth, and ourselves. Faith is imperfect, but only because people are imperfect. Science tells me that God must exist. My heart tells me that I cannot understand God. My heart tells me I should not do this.

Dan Brown, author of Angels and Demons

6. Science is not only compatible with spirituality; this is a spiritual foundation. The feeling of sublimity, the feeling of unity and humility that is felt when we become aware of our place in the vastness of light years and time, when we are sufficiently committed to difficulty, to beauty, to life, is the doubt of spirituality. Art, music, literature or Mohandas Gandhi or Martin Luther King Jr. So are our thoughts when there are examples of personal courage such as. The idea that science and spirituality are somehow mutually exclusive creates a conflict between the two.

The late Carl Sagan, American astrophysicist

7. People derive purpose from faith; through research through the power to achieve this goal. Sometimes people ask whether religion and science are opposed to each other. These are: In one mind, the thumbs and fingers of both hands are pointing towards each other. This is a struggle where everything can be grasped.

William H. Bragg, British physicist

8. Religion and science are never incompatible. Both religion and science provide explanations for why life and the universe exist. Research is based on empirical evidence and observations. Faith is based on faith in the Creator. Just an explanation. The rest should be thrown away. Explanations require evidence. There is no creator outside the human mind, there is no evidence of change, and the source of life is increasing day by day. In the face of this evidence, believing in a god is nothing more than believing in the now popular Flying Spaghetti monster.

Lorna Salzman, American environmental worker

9. There is a difference between law-based religion and observation-based science, and this is why. Science will win because it works. I believe that scientific laws govern the universe. God will give the law to God, but God will not intervene in the breaking of the law. When you look at how big, the universe is and how important human life is in it, God's life seems amazing. Stephen Hawking God created all of this. This feeling can be stressful and people will not be able to respond to it because they are taught to participate in a private environment, they enjoy the cheap entertainment of earthly life and nature, and the Supreme Creator must be different from us. Everything. Respect:

"He is not like Him" ​​(Shura: 11) Quran.

Most people cannot easily be brought to justice in view of the existence of the Creator. That is why Allah (the name of God in Islam) sent prophets and messengers - may Allah pray for them and peace be upon them - and his last Messenger was Prophet Muhammad. Until the emergence of Muhammad, he gave them divine support in the form of miracles necessary for their status. When human thought matured, the age of science came; Allah supported it with the Quran and described it as an eternal miracle.

Frankly, nothing in the world can remain a surprise forever; just a special book. At every stage of success, this book's consistent explanations and advice should be clear and convincing. The only book that meets these conditions is the Quran. The beginning of revelation is an important part of acquiring wisdom and the precursor to giving it the dignity it deserves:

“Read in the name of the Lord whom you created; saving men from blood clots; read: Your Lord is Merciful; who teaches with the pen; Tell people you don't know."

He doesn't know". (Al- ‘Alas: 1-5) The Qur’ân.

At the different stages of the revelation, the Qur’ân pointed out that knowledge meant all branches of science.

“But it is clear signs in the hearts of those whom (the knowledge) has reached”;

(Al- ‘Ankabût : 49) The Qur’ân.

In fact, a great number of the Qur’anic verses are cosmic verses, which reveal the signs of the Almighty Creator in the universe. This is only natural, since He Who created the universe is He Who supported Prophet Muh ammad by the Glorious Qur’ân [Allâh’s Own Words] to be the Eternal Miracle. For example, we read:

“Assuredly, in the Heavens and the Earth are signs for the believers; and in the creation of yourselves and living beings He disperses on Earth are signs to the firm in faith;

and in the variation of night and day and the sustenance which Allâh sends down from the Heaven, whereby He gives life to the Earth after its death, and in sending winds in their ways are signs for a people of discernment”

(Al-Jâthiyah : 3-5) The Qur’ân.

Many verses need comment, or detailed explanation on correct scientific basis, by means of specialists before one can realize how far they prove to be miraculous in the age of science. The following are examples of my comments on a scientific basis on verses of this type.

SOME COMMENTS

BASED ON ASTRONOMY

1. “With power and skill did we construct the Heavens and indeed we expand them”.

(Adh-Dhariyât : 47) The Qur’ân.

Comments on this verse passed by three scientifically correct phases, each of which suited its own age of civilization.

A — The verse was at first explained by saying that inspire of the almost unlimited amounts of matter and radiation comprised the universe and form it, Almighty Allâh has more and more of them. This is right and fair.

B — This verse also declares the truth that gradually emerges through actual observations. Thus, improvements in camera design over the past two decades and more recently the use of radio telescopes have expanded our view from the Sun (5 light-years in diameter) to the Milky Way (100,000 light-years in diameter). ] to other galaxies such as the Andromeda Galaxy [750,000 light-years away], quasars and pulsars [billions of light-years away]. These galaxies are so far away that they appear as points of light in the sky. This is despite the fact that each galaxy consists of billions of stars. Miraculously, Almighty Allah said in the Quran:

2. "Indeed, I swear by the positions of the stars, this is a beautiful oath if you understand."

(Vâkıa: 75-76) Quran.

C — The third meaning of this last verse is: "We created the heavens with power and wisdom and certainly expanded them", apparently the earth expanded. However, the expansion of the earth is determined by observations. Galaxies are moving away from us (the Milky Way) at a speed equal to their distance from us. In addition, the expansion of the universe is seen as a beautiful result of the theory of relativity.

One of the best services the Earth's atmosphere provides to life is that it contains the oxygen on which life depends. As altitude increases, total atmospheric pressure decreases rapidly along with the amount of oxygen

. If we assume that the total oxygen on the Earth's surface is 20 units, it equals only 2 units at an altitude of 10 km above the surface and only 0.2 units at an altitude of 30 km above the ground. . .

Anyone who goes up into the air will soon feel that they need more air to breathe. This means it will need a larger breast to get oxygen. This fact is mentioned for the first time in the Holy Quran:

3. "Whoever he wants to lose, he covers his chest and swears, as if he has to ascend to heaven. We need to briefly talk about astronomy in the Bible and some scriptures representing different branches of astronomy. Theoretically, this question, even the biggest question in world history, lies in the big egg."

The difference is that this is still an accepted view today! However, there is a verse in the Quran that says: "Before We separated the heaven and the earth, there were those who disbelieved, whom they did not do. Did We create one and all living things with water? ”

(Anbiyâ': 30) Qur'an.

The main problem of these studies is that the connection between theory and observation is always so weak that it is subject to dissociation. Thoughts and opinions are always ready to fill the gaps of our current ignorance.

Another big problem arises from the fact that science ignores the relationship between the Creator and the creation and that there is nothing beyond the world. Regarding the first difficulty, the Quran says: We did not choose bad leaders who did not obey my orders."

(Al-Kahf: 51) The Quran. Regarding the second difficulty, the Quran says: But they are not worried here."

(Ar-Rûm:7) Quran.

Conclusion and comments

Science refers to all branches of science. In addition to sciences related to the universe, it also includes modern subjects such as biology, chemistry, physics, astronomy, meteorology, and geology. The Quran, the holy text of Muslims, preserves the dignity and value of these sciences and promotes their public education. The best and most accurate reference on this subject is the first verse that Allah sent down to inspire people with knowledge and to glorify knowledge. The beginning of the Book of Revelation is the progress of time in giving truth and knowledge the dignity it deserves through science. Therefore, the first verse of the book in Surah Al-Alaq says: "Read, read in the name of Allah, the Creator, who created man from a clot of blood. Read, your Lord is generous and uses his pen. To teach people what they do not know."

(Aras: 1-5) Quran.

The Quran continues to explain the importance of science and education at different levels of the Book of Revelation and points out the importance of studying the world, cosmic matter, power and creatures. These are activities that give people not only strength but also faith and fear of God. For example, we refer to the following scriptures:

1. "Only those with knowledge fear Allah. Surely Allah is powerful and forgiving.”

2. "Indeed, there are signs for the believers in the heavens and the earth."

and your language and many colors.

Surely there are signs in this for the students.

4. "Do you have experience?" So can you tell us about this? You're just making guesses".

5. "You say: Are those who know and those who do not know one?"

Other scriptures not only praise science and scientists, but also attract our attention and lead us to the knowledge and discovery of the universe. The truth is that the study of science is based on the collection of accurate observations, but observations in physics are measured and expressed through mathematical statistics and results that cannot explain the reality of the world. In the principle of quantum mechanics, the statistics and results of the theory are very clear and the necessary experiments have been carried out. The laws of physics do nothing more than explain the events of the physical world.

Although we do not claim that these policies are accurate, we acknowledge that they represent the most accurate and truthful information. Given the increasing accuracy of observations, scientists have sometimes modified or expanded some of the laws of the body to bring us closer to them (the truth). A celestial body is made and this is what is meant in some verses in the Quran:

1. “Say: Go to the earth and see how creation began,” he said. The history of our planet is written in the rocks in the earth's crust.

2. "Don't you see how clouds form? How the sky rises?"

3. "Do they not consider the sovereignty of the heavens and the earth and the creations of Allah?"

4. "Say: If you are right, please show your evidence." These verses and many others show that it is not wise for people in Islam to base their beliefs solely on religion or science. A decision that is not supported by experience or actual evidence cannot be valid. In doing so, they are like those who speculate about the essence of the problem or explain the phenomenon without observation or experiment, or who accept beliefs without putting them into practice in order to know what is true or false in the text.

< br> While describing such people, the Quran says: "When people tell them what Allah has revealed and His messengers, they say: "It is enough for us to see our grandfather." What! Even though their fathers knew nothing and had no guidance? , shows that there is no doubt about the truth and truth of the Book of Revelation. He also encouraged and encouraged Muslims to be interested in science during the periods called the Middle Ages or the Dark Ages. Thanks to this, many famous Muslim scholars emerged. For example, in the field of astronomy, the activities and discoveries of the following Muslim astronomers and mathematicians cannot be forgotten:

Thabet Ben Qorra

El-Bairouny

El-Battany

Ebn Younis

Al-Khalily

Gamshid

Al -Khouarazmy

Professor. Abdus Salam, Nobel Prize winner in Elementary Particle Physics

Mohammad Abdus Salam NI(M) SPk (/sæˈlæm/; pronounced [əbd̪ʊs səlaːm]); 29 January 1926 21 November 1996 Pakistani physicist Award winner. For your contributions. He shared the 1979 Nobel Prize in Physics with Sheldon Glashow and Steven Weinberg for electroweak coupling.

The Pakistani physicist, whose work led to the discovery of the Higgs boson, did not accept him into the country due to his beliefs. Abdul Salam derives his theory of unity from his belief in Allah.

According to modern physics, there are four forces in nature. Electromagnetic interference is one of them. The weak interaction (i.e. causing beta decay of atomic nuclei) is another reason. In 1968, thanks to the contributions of Abdus Salam, Sheldon Glashow, and Steven Weinberg, these two interactions were combined into a single interaction called the electroweak interaction. For example, the theory predicts that weak interactions behave like "weak currents" when some interactions are in their infancy. This was later confirmed.

In Islam, what the reader gets from God's inspiration and rational judgment is the reality of "faith". Belief in the Unseen According to ideas from physics, we need to interpret hidden changes in order to interpret negative thoughts that are not like quantum mechanics. Until the end of his life, Einstein rejected the phenomenon of quantum mechanics, believing that it resulted from the imperfection of human knowledge and that Schrödinger's quantum mechanics was only an incomplete representation of the reality of the current world space. In quantum mechanics, quantization is not true quantization, but the interaction between quantization and quantization. According to the laws of physics, the measured result must be an integer. These numbers do not indicate the exact amount, they only affect the estimate of reality by determining the unknown numbers and variables that exist. The increase in probability, which is not defined in physics, brings theory to reality. Knowing the truth that actually exists is the only faith in the unseen. Materialism in the mind means skepticism

God is the creator of the material universe. Some of the products involved in the creation are by what they call "accidents"!

Needless to say, our belief in God the Creator often means that we are endowed with many areas of life and abilities, as God does in his dealings with the world

"The shameful and hypocritical side of materialism" "So religion, It is nothing more than the physical structure of the world. The question we ask for the material is whether it can provide a correct explanation of the concept of reality and the problem through the connection between the Creator and nature. The answer of quantum mechanics to this fundamental question is "no". It is a fixed body that is under the correct control of the laws It means that things cannot exist in the first place! Of course, the problem in the material world is where our hands and hearts meet the Creator (Allah).

The Holy Quran says about the lack of human mind and knowledge:

14 >"Indeed, We have prepared the burden of knowledge for the heavens, the earth and the mountains, but they. Reject this burden, They are afraid to accept it. People promised to carry it, but it turned out to be unfair and meaningless!"

(Al-Ahzâb: 72) Quran.

But we Muslims know that the creator is Allah. Just like quantum mechanics, it does not depend on our physical laws; The state of any physical object at any moment can only be determined by the outcome. ? In the theory of God's creation, God has always created the world as a reality, access to God's wisdom through the relationships and principles between events and phenomena in the physical world is only possible with doubt. God, the Creator, is above our hearts. ,

According to this short introduction, we have forgotten that our knowledge can be obtained from two sources:

The first is the great Quran, and the second is the science or truth of creation. There is no difference between the information received from two sources in Islam.

The correct research method to understand the history of things in the world is to collect fossils.

"Say: Travel around the world and see how Allah created everything."

(Ankebut: 20) Quran.

We can interpret this verse as science says: "Travel around the world", examining the rocks of the world and collecting all the fossils and remains of animals that lived all over the world. . Using this concept I can say that, as far as existing genres or genres are concerned, if we go back to each era, there is no major change in them. In other words, men are still men and were created to be men. There is no evolution from one species to another, only development through adaptation, such as color change or adaptation to the environment. Studying these will help us understand the basics of life. In other words, the evidence of things belonging to different periods is recorded in the form of fossils in the rocks of those periods or as a result of careful study and analysis. to follow.

What I want to say at the end of this section is that, just as there is no conflict between science and religion, physics will not bow to the system accordingly in the future. Creator or God A theory that responds to the needs of modern philosophers of physics to provide a complete and clear description of the present, future and previous state of the physical system and, finally, its possibilities. In the world of creation, belief exists only in the shadow of hidden and unidentified variables; This means that physicists are now limiting themselves. It has been argued that explanations limited to quantities that can be defined in mathematics ultimately lead to incorrect and incomplete definitions of the truth about the world.

*Theory of Creation*

*The world is a result of the existence and creation of the Creator or God in all seasons.*