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A Review of the Relation and Vastness of Quranic Science and Modern Science, based on the Holy Quran

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Abstract

The philosophy of life in Islam is not like that of other religions. Islamic teachings provide a complete guide to Islam in all stages of human life. The natural teachings of Islam have always illuminated the lights of reason, consciousness and awareness in the human mind and made it good and evil. It gave the skill of discernment to humanity. Islam has always shown the way of moderation while teaching the pursuit of scientific knowledge in life. In the early centuries of their journey, Muslims not only made a lot of progress in scientific sciences by thinking, but also to human beings and their behaviors. They also encouraged the conquest of the universe in the light of Quranic Injunctions. Therefore, some surprising inventions were also implemented in that period and solid foundations were provided to scientific sciences, on which the foundation of modern sciences was laid. There are countless verses in the Holy Quran through which Muslim scientists explored the vastness of modern sciences in relation with Quranic sciences. There was an incentive towards scientific research and as a result of this, mankind opened up new chapters of research and exploration by considering experimental verification as the criterion of access to reality.

Keywords: Quran, Science, Modern Science, Mankind, Relation, Quran and Science

Introduction

The light of knowledge, action and wisdom that Allah has given through his beloved Habib ﷺ is called the Qur'an. The Holy Qur'an is the Book of Allah and the Word of Allah. It is Majeed. It contains proofs about the attributes of Allah, the prophethood of the previous Prophets and Prophet Muhammad ﷺ, the message and their greatness. It mentions the previous Prophets and their communities. Every speech reflects the knowledge of its speaker. Therefore, it is necessary that the Holy Qur'an (which is the Word of God) is a manifestation of the knowledge of Allah Almighty. Allah Almighty is the Knower of the Unseen. The knowledge of all creatures is incomparable to His knowledge. From the beginning of the world to eternity, Allah knows all the sciences, and apart from them, the sciences of Allah are innumerable and infinite.

Qur'anic sciences

The Qur'anic sciences refer to those sciences which are the knowledge of the sources of the revelation of the Qur'an, the collection of the Qur'an, its interpretation, the recognition of the Makki Madani of the surah, the knowledge of abrogation, the knowledge of authority and analogy, and in addition to such contain matters that are related to the Qur'an. (Jameel, 2009) The mysteries of the universe and depths of oceans were discussed and explored in Holy Quran thousands of years ago. Be it quantum mechanics, biology, medicine, atomic sciences, the study of creation and expansion of universe or any other subject of modern sciences, it has been previously discussed in Holy Quran in one way or another.

The breadth of Quranic sciences

The final word of Allah, the Lord of the worlds, from the best of creations, mankind, was preserved until the resurrection in the form of the final revelation of the Qur'an. Since this is the last revelation of Allah Almighty and after that the chain of revelations was interrupted forever, Allah Almighty has gathered in it the knowledge of all kinds of facts that will be accepted until the Day of Judgment. This book is comprehensive of all facts and knowledge and all sciences and arts from the beginning to the end. The Quran itself supports this fact in many places.

Allah says,

وَنَزَّلْنَا عَلَيْكَ الْكِتَابَ تِبْيَانًا لِّكُلِّ شَيْءٍ

“And We reveal the Scripture unto thee as an exposition of all things, and a guidance and a mercy and good tidings for those who have surrendered (to Allah)” (Al-Nahal 16:89)

That is, in the Holy Quran, all the principles and development of religion, the commands of this world and the hereafter, and everything that a man needs, everything has been clearly explained in this book with clear words and meanings. The Allah Almighty explained this as follows:

وَتَقْصِيْلَ كُلِّ شَيْءٍ

“And a detailed explanation of everything.” (Al-Yusuf 12:111)

Dr Tahir-ul-Qadri mentions this verse in his book:

“The word ‘thing’ is applied to every existence in the universe, whether it is material or non-material. Whatever the creation of Lord Dhul-Jalal is called “thing”. Therefore, a detailed description of everything is available in the Holy Quran.” (Qadri, 2001)

That is, all the things in the universe, no matter what form they are in, Allah, the Highest, has explained it clearly and in detail in the Holy Qur'an. Years ago, Allah Almighty had explained in the Holy Qur'an. This is a clear statement of the fact that the Holy Qur'an contains all the sciences within it.

Principle guidance of Quran

The miracle of the Holy Quran is that it provides complete guidance in every aspect of human life. According to its teachings, the Quran dominates all matters of human life, from the intellectual and practical needs of a person to their private life. Be it religious and spiritual aspect or material and physical, family and familial aspect or social and sociological, political and economic aspect or educational and cultural, establishment of government and empire or formation of institutions, conflicts and agreements of different human classes or the inter-relationships of the nations of the world, Quranic teachings and rulings are so comprehensive that principled guidance in every issue is available in the Holy Quran itself.

Modern Sciences and Quran

The most important contemporary sciences are of two types.

1. Philosophy
2. Science

From the simple life of ancient times to the complex life of modern times, there are two main basic needs of mankind:

1. A person should have the luxury of food, drink, living and a safe life. It is a biological necessity which is necessary for the survival of life and the continuation of the human race.
2. Humans also have some mental needs. Man wants his world to look purposeful, he seeks solutions to the questions that arise in his mind. (Ahmad Deedat)

Philosophy and the Qur'an

Man, of course, is the master of thought and reason. When the human consciousness is awakened, it sees a vast expanse in front of it, the reality of which it wants to understand. Man is attracted towards the universe with various dreams, quests and desires, this system of thinking is called philosophy. Philosophy is a Greek term which is a combination of two words "philo" and "safia" "philo" means love and "safia" means wisdom. Because it is the name of an attempt to discover the ultimate and ultimate reality of something through reason and reasoning. (Deedat)

Since philosophy is the name of wisdom, it is the exact Qur'anic thing, because one of the four requirements of the position of the Prophet, peace be upon him, which has been described by the Holy Qur'an, is education.

Quran and Science

Science came into existence to fulfill the mental needs of humanity to understand the world, to make it meaningful and purposeful.

Science is a vague word which means to know, but in term it means the knowledge of the natural system which is obtained from observation, experience and reason. (Deedat, Islami Nizam e Zindghi aur Quran Asri Science ki roshni me)

Ahmad Deedat in his book quotes the words of Raziuddin:

"Science consists of the observations of the theories of experiments and the self-discipline, that is, the foundation of science is not only based on experience, nor is it merely the result of reason and reflection, but rather a combination of all these things." (Deedat, Islami Nizam e Zindghi aur Quran Asri Science ki roshni me)

In other words, it can be said that science is a structured and systematic system of gaining control over our material world and explaining and interpreting these forces. It is the study of facts in their original form. It is a type of science which is the name of conscious effort to understand the surroundings and to be aware of specific facts.

Astronomy and Quran

Astronomy refers to the knowledge through which we try to gain knowledge about the movements and different conditions of planets, stars and galaxies.

In the Qur'an, we find the knowledge of the astronomical system. In excess of 1,000 stanzas of the Qur'an give data about current science. Also, twenty of these sections give information just about cosmology.

The sun

The sun is a star situated at the focal point of the nearby planet group. The sun is the greatest wellspring of light and intensity for the earth. Sunlight is a very important blessing for us. It causes the formation of seasons on earth. This is how we get the knowledge of the sun from the Holy Quran:

وَجَعَلَ الشَّمْسُ سِرَاجًا

And hath made the moon a light therein, and made the sun a lamp? (Al-Nooh 71:16)

The sun's light is caused by intense nuclear explosions inside it. The Sun is composed mostly of hydrogen and helium. Both of these are very subtle gases. At the core of the Sun is a large nuclear reactor with a temperature of at least 1,40,00,000 Celsius (2,50,00,000 Fahrenheit). The Sun produces this great store of energy through nuclear fusion. During this nuclear process, the hydrogen in it is being converted into helium, which releases intense energy in the form of light and heat. (Qadri, Islam or Jadeed Science)

In the Holy Qur'an, Allah Almighty has mentioned the intense heat generated by nuclear fusion as follows:

وَجَعَلْنَا سِرَاجًا وَهَّاجًا

“And have appointed a dazzling lamp.” (Al-Naba 78:13)

To maintain such a great temperature, the sun is releasing its mass in the form of energy at the rate of 40,00,000 tons per second.

Every living being is born from water.

Present-day researchers concur that life started with endless water, which is the fundamental part of every living cell, and that life is absurd without water. That life started from water. But in the Holy Qur'an, Allah Almighty explained this clearly. In the Noble Qur'an, Allah Almighty says:

وَاللَّهُ خَلَقَ كُلَّ دَابَّةٍ مِنْ مَّاءٍ فَمِنْهُمْ مَنْ يَمْشِي عَلَى بَطْنِهِ وَمِنْهُمْ مَنْ يَمْشِي عَلَى رِجْلَيْنِ وَمِنْهُمْ مَنْ يَمْشِي عَلَى أَرْبَعٍ يَخْلُقُ اللَّهُ مَا يَشَاءُ إِنَّ اللَّهَ عَلَى كُلِّ شَيْءٍ قَدِيرٌ

“Allah has made each creature of water. Of them is (a sort) that goeth upon its stomach, (a sort) that goeth upon two legs, and (a sort) that goeth upon four. Allah creates what He wills. Lo! Allah can do all things.” (Al-Noor 24:45)

The reason for emphasizing water in this blessed verse is that water is the most important of the substances that animals are made of. Without water, neither man nor animal can survive. This is the reason why Allah Almighty created the great blessing like water in large quantity. Three-fourths of the earth consists of water. Similarly, almost 80% of the human body consists of water.

The Qur'an and Botany

In prior times, humankind didn't realize that there was a contrast between male and female in plants and organic products. Natural science has let us know today that male and female genders are tracked down in each plant and organic product. Indeed, even in unisexual plants, the distinction between male and female is clear. Allah has stated in the following verses:

وَأَنْزَلَ مِنَ السَّمَاءِ مَاءً فَخَرَجْنَا بِهِ أَرْوَاجًا مِنْ ثَبَاتٍ شَتَّى

“Furthermore, we have sent down water from the sky, and in this way, we have delivered jumpers' sorts of vegetation.” (Taha 20:53)

Another place related to this is the saying of the Exalted:

وَمِنْ كُلِّ الثَّمَرَاتِ جَعَلَ فِيهَا رُوحَيْنِ اثْنَيْنِ يُغْشَى اللَّيْلُ النَّهَارَ إِنَّ فِي ذَلِكَ لَآيَاتٍ لِقَوْمٍ يُتَفَكَّرُونَ

“Furthermore, of all organic products, he put in those two mates (male and female). He covered the night with the day. Lo! Here in verily are signs for individuals who take thought.” (Ar-Rad 13:3)

There are many verses in the Holy Qur'an in which the discoveries related to botany were made fourteen hundred thousand years ago, on which today's science agrees.

Quran and Economics

Economics is an ancient science; it has been needed in all ages. Economics is also called economics. The term economics is derived from a Greek word “okimono” that means order or household system. (Siddiqui, 2015)

Meaning of Economics

“Maash” is an Arabic word which means to live. According to some, its substance is Ish (PBUH.), which means food and sustenance. (Qadri, Iqtasadiyat e Islam, 2007)

Explaining the meaning of Ibn Manzoor al-Aish, he writes:

“Al-Aish: Al-Sayat, Aash Yaish Aisha wa Aisha wa Al-Mu'isha: Ma Yaash Bah” (Ibn e Manzoor)

Al-Aish means life, this life is made up of Aisha and Aisha and economy means (they are wonderful) with which life can be lived.

Economics is the science in which the special behavior of man is studied, which is adopted for the fulfillment of unlimited desires with the help of limited resources.

Islam is the religion of nature which was proposed by the creator of nature as a code of life for the guidance of man. Every aspect of this code of life is consistent with the natural demands of human beings. Allah, the Exalted, has created such resources with His special mercy, with which man can work and create the goods for the satisfaction of his needs.

The Quran and Technology

Technological education is also available in the context of research in the Qur'an. There are indications in this direction in some verses of the Qur'an. Allah says in the Holy Qur'an:

قُلْ سِيرُوا فِي الْأَرْضِ فَانظُرُوا كَيْفَ بَدَأَ الْخَلْقَ

“Say (O Muhammad ﷺ): Go into the land and perceive how He began creation; then, at that point, Allah brings forward the later development. (Al-Ankabut 29:20)

In this blessed verse, the means of walking are not mentioned, but such a spirit of creation of creation has been instilled in man that for the purpose of creation, man moves to different places and acquires more information. And under the same spirit of research, man took the credit of inventing big vehicles like trains, ships, airplanes for the purpose of traveling to distant regions, countries, and cities. In another place in the Holy Qur'an, Allah Almighty said:

قُلْ انظُرُوا مَاذَا فِي السَّمَاوَاتِ وَالْأَرْضِ

“Say: View what is in the sky and on the earth.!” (Al-Yunus 10: 101)

In this blessed verse, Allah Almighty said: Look at what is in the heavens and the earth. There is no definition of viewing here, nor is the source given. But there was a desire to see the heavens and the earth and a desire to see the glories of Allah, as a result of which instruments such as binoculars, microscopes, and telescopes came into being. Because the naked eye does not produce any special results. We think of the sun as a hot and bright object and the moon as a cold shining bright object, small stars in the sky look like pearls. Therefore, this technology was invented for the purpose of being aware of the greatness of Allah and researching the world.

In another place in the Holy Quran, Allah Almighty says:

وَأَنْزَلْنَا الْحَدِيدَ فِيهِ بَأْسٌ شَدِيدٌ وَمَنْفَعٌ لِلنَّاسِ

“He uncovered iron, which has strong power that many utilize for humankind. (Al-Hadid 57:25)

Allah Almighty gave the news of iron fourteen hundred thousand years ago today that Allah has created iron so that it can be used to make things. Iron is a metal whose importance is obvious. There is no denying the benefits of iron since ancient times. Iron has been playing an important role in the construction and development of the world and even today the industrial, military, and economic development of the new world depends on this metal and its compounds.

Iron is such a metal that industrial and craft tools are made from it, and all kinds of war tools are also made from it, and there are thousands of human necessities that cannot exist without iron. The above verse refers to the use of iron. It can create things of awe or destruction as well as benefit. Therefore, its expert use promotes technology.

Conclusion

Like 1400 years ago, the scientific and spiritual grace of the Holy Quran continues today. The sciences of the Holy Quran are very wide. The Holy Qur'an has guided man in every sphere of life. The Qur'an also provided information in the scientific sciences and provided guidance on the topics of psychology, linguistics, botany, biology, intellect, prudence, knowledge, mysticism, wisdom, and spirituality in addition to the scientific sciences. The Quran is the source and source of all sciences. There is no knowledge in the world whose foundations are not connected with the Holy Qur'an.

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