

F U L F I L M E N T O F A M I G H T Y P R O P H E C Y

(Superiority of Quranic Truths over Scientific Theories)

by

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الله نور السموات والارض - (النور)

“Allah is the light of the heavens and the earth.”

[Nineteenth century science conceived matter to be indestructible, immutable, dynamic and eternal. Modern Nuclear-science has however, exploded the falsity of this myth. It has proved beyond doubt that the Atom is divisible and destructible. Thus the Quranic concept of the mystery of the creation of Universe has been confirmed by the twentieth century Nuclear-science. It was during the height of the nineteenth century materialistic concept that a mighty prophecy was made. It was prophesied that the falsity of this concept which was contrary to Quranic truths would soon be proved. Accordingly in exact fulfilment of the Divine prophecy, the twentieth century nuclear-science has established the falsehood of the nineteenth century science, thus setting a seal of confirmation on the truthfulness of the Quranic concepts about the creative forces working in the universe. Himself an unlearned man in Western science and methodology, yet Hazrat Mirza Ghulam Ahmad of Qadian, the *Mujaddid* and Promised Messiah of the present century of Islam, prophesied in clear, un-ambiguous terms about the falsity of the eternal concept of matter vis-a-vis the reality of the Lord of Universe as well as the futility of following the materialistic Western civilisation, at a time when these concepts were dazzling and ascendant; scientific concepts about creation of matter and life. How wonderfully true has the mighty prophecy proved to be! Could it emanate from a source other than the All-knowing ?].

The Nineteenth Century Dalton's Atomic theory.

The nineteenth century scientific concept about the nature of creation of matter was based on Dalton's Atomic theory. According to this theory all matter was composed of certain elements which in their final form consisted of tiny, invisible and indivisible atoms. The atoms of one element were considered to be essentially different from those of the others.

Moreover atoms were regarded as indivisible, immutable, indestructible and eternal. Even life itself was considered as mechanical, merely a process of the result of working of the physical and chemical laws of matter and nothing more. Hence the materialistic view-point of life was in the full ascendant.

Discovery of Radio-Active elements.

The notion of conservation of mass and eternal nature of matter was violently shaken by the discovery of the Radio-active elements, especially Radium and Uranium. It was discovered that the atoms of these elements were not stable but were continuously undergoing spontaneous disintegration. By constantly emitting electrical radiations, they were decreasing in their mass. Atoms of these radio-active elements were thus undergoing constant change by discharging from them particles of light, heat and electric radiations (energy). *Now it has become fully established that matter and energy are inter-convertible.* But besides spontaneous disintegration it is now an established fact that atoms can be disintegrated artificially also by the process of "fission." This process if continued from one atom to another to produce a "chain-reaction", is the great mystery underlying the invention and preparation of Atom-Bomb.

Internal Structure of an Atom.

The internal structure of an atom has been very much likened to our planetary solar system. Its components are protons, positively charged electrical particles; electrons, the negatively charged electrical particles and neutrons, the uncharged neutral particles. The protons and neutrons of an atom form its inner core or nucleus, while the negatively charged particles, the electrons, are in constant motion, revolving round the nucleus in different orbits. It is now held that the atoms of each and every element are basically composed of the same three components, protons, electrons and neutrons. The difference in the elements results from the difference in the number of protons and electrons. Thus an atom of hydrogen, the simplest atom, consists of one positive proton, round which revolves one negative electron. Similarly the atoms of carbon, nitrogen and oxygen are

composed of six, seven and eight protons respectively, round which revolve the corresponding number of electrons. An atom of uranium the largest atom, consists of 92 protons round which revolve 92 electrons in different orbits. The metal uranium is a radio-active element which constantly and spontaneously emanates particles of radiations and is the one used in the preparation of an atom bomb.

The discovery of Isotopes of an element.

Another significant fact in the Nuclear-research, is the discovery of Isotopes which are different forms of the same element. They possess the same properties but are different only in their mass. This difference in mass is due to the presence of various number of uncharged particles, the neutrons ; whereas the number of electrical particles, protons and electrons, remains the same. Thus the same element might have two or more forms or Isotopes which differ only in their mass but are identical in all their properties. It is obvious from this that it is the number of electrical particles, protons and electrons, which are responsible for giving to an element its properties and characteristics.

Inevitable Conclusions from the Nuclear structure of an Atom.

From the above brief description, let us summarise the main conclusions we arrive at :

1. Atoms of an element being divisible and consisting of the same kind of electrically charged particles, protons and electrons, but varying in their number in different elements, *the creative force in the universe is one and the same.*

2. Existence of an atom of an element is ensured so long as the number of positive and negative electrical particles in it remains the same and equal. As soon as this balance of electrical charges is upset, there is a change in the nature of the element. For instance by constantly emitting radiations, the radio-active elements are constantly undergoing a change in their atomic structure. The non-radio-active elements although stable in their present state, can also be made radio-active through "fission" or "fusion" by "bombarding" their nuclei with radiations, from the radio-active elements. Thus it is possible to convert atoms of elements into electrical energy or radiations.

3. The properties or dynamicity of an element depend upon the number of electrical particles within it and not on the mass of the atom.

Thus the main governing principles basically working in the *creative forces of nature are three ; the essential unity and uniformity of matter, the balance of opposing electrical forces and the reality and*

dynamicity of Energy in contrast to mass and matter, which is unstable, destructible, non-eternal and therefore un-real.

The Quranic Concept of Creation.

Fourteen centuries before the birth of modern Nuclear-science, the teachings of Quran were revealed to the Holy Prophet from the source Divine. It was the voice of God Himself which declared immutable and unfathomable truths to humanity groping in utter darkness. It was fourteen hundred years since the truths discovered by science to-day saw the light of Divine revelation. Though the nineteenth-century science in its ignorance belied these Quranic truths, yet the twentieth century nuclear-science has set a seal of confirmation upon them. Here are some of the few relevant references from the Quranic text.

I. Unity & Uniformity of the Divine light – the *Prime Motive force*.

الله نور السموت والارض - (النور)

“Allah is the light of the heavens and the earth.” (24 35)

وكل من عليها فان و يلقى وجهه ربك ذوالجلال والاكرام

“Everything upon this earth is in a state of change. Only the Presence of your Lord endures (unchanged) for ever, the Lord of glory and honour.” (55 : 56).

وكل يوم ا هو فى شان - (الرحمن)

وكل شى هالك الا وجهه - (التقصص)

“Every one in the heavens and earth, asks of Him. He is ever in His state of supreme glory.” (55 : 29).

الله ما فى السموت والارض يحيى ويميت وهو عل كل شى قدير -

“Everything is perishable except His Presence.” (28 : 88)

هو الاول والاخر وانظاهر والباطن وهو بكل شى اعلم - (الحديد)

“His is the Kingdom of the heavens and the earth. He gives life and causes death and He is Possessor of power over all things. “He is the First and the Last and the Manifest as well as the Hidden, and He is Knower of all things.” (57 : 2 - 3).

In these verses it has been made clear that God is the source of radiant light of all the creation, and that He is the *prime motive force* behind the Universe. Everything besides Him is changeable and perishable and is undergoing a constant change. Not only have the Quranic verses revealed in such unmistakable

terms the mystery underlying the creation as shown by modern Nuclear-science but have also emphasised its essential unity and uniformity. No other scripture has laid so great an emphasis and stress on the great principle of Unity as Quran has done. This grand principle of Unity of Godhead signifies not only the unity and uniformity of the creative forces but the unity of purpose of human life and conduct as well.

These verses have also so forcefully stressed the great attributes of the Glory, the Majesty, the Power and the Knowledge of the Ultimate Reality ; characteristics of the Divine-Being, which are ever unapproachable and unfathomable by secular sciences.

II. Balance of Opposing and Contending pair of Forces :

- (i) Let us now firstly see as to what the teachings of Quran have to say on the fundamental law of creation i.e. the balancing of the two contending forces. It says :

ومن كل شئ خلقنا زوجين

“Everything We have created is in pairs.” (43 : 12)

وهو الذى خلق الأزواج كلها

“He it is, Who has created all things in pairs.” (51 : 49)

Explaining the law of creation of opposing pairs the Quran details it in the following manner :

سجن الذى خلق الأزواج كلها مما تنبت الارض ومن انفسهم

وما لا يعلمون - (ليس)

“Glory be to Him Who has created pairs in everything, in what they grow from earth, from amongst themselves and from that which they still know not.” (36 : 36).

- (ii) In the second place, let us know what the Holy Quran has to say about uniting of opposing pairs in a balanced measure.

والسما رفعها و وضع الميزان الا تطغوا فى الميزان

واقموا الوزن بالقسط ولا تحنسروا الميزان - (الرحمن)

“The heavens, We raised high and ordained a balance, in order that you may also not upset the balance. So do maintain the balance of justice but do not fall short of the measure.” (55 : 7-9)

According to the science of Astronomy, the rotation of planets round the sun is the resultant of the balancing of two forces, the solar force which draws the planet towards it and the opposing force of the planet itself which seeks to draw away from the sun. In the

description of Atomic structure given above and likened to the solar system, we have already seen that the existence of individuality of Atom depends upon a balance of the positive and negative forces of the electrical particles, the protons and electrons. Any disturbance in the balancing of these two contending but equalising forces leads towards the disintegration of the Atom. If we turn our attention from the inanimate world, to the science of biology it also states the same principle of balancing of the two opposing forces, in order to maintain the integrity of the life of a cell. The cell-nucleus has an equal but opposing pair of chromosomes, each pair being derived from the male and the female parent

This law of balancing or harmony of opposing pairs is so universal that its application to the physical, the intellectual as well the moral and spiritual systems of life of man is equally applicable and justifiable. In this connection it is significant to note the balance of blood-pressure, of bodily temperature, of diet, of blood-sugar level, of various salts and liquid contents of blood, and of various hormones etc. in the physical system of man. In case of mental balance, the science of psychology teaches us that the maintenance of balance between the degree of force of various emotions and the power controlling them, is essential for the maintenance of a healthy and happy mind. The same truth is applicable to the moral and spiritual fields of human activity. We have opposing and contending moral pairs of qualities and it is through striking a just balance between the contending characteristics that we can keep up a harmonious and healthy blend of the two. However this subject is too vast to be dealt with adequately here.

Amount of Energy or inner-urge—the dynamic soul.

The third great principle underlying the mystery of creative forces taught by Nuclear-science is the fact that the dynamic force of an atom does not depend on its mass but on the amount of energy in the form of number of electrical particles. The case of Isotopes provides its greatest illustration. Different forms of the same element possess the same attributes because they possess the same number of electrical particles but they appear to be different in their mass because of the difference in the number of non-charged particles.

Exactly so do the Quranic-teaching tell us. The value and worth of an action is to be measured not by its external form but by the real and inner urge giving rise to it. Several kinds of practices have been prescribed for observance such as prayers, pilgrimage, fasting, animal sacrifice, almsgiving, jihad etc. For the sake of inculcating unity and giving them uniformity, the external forms for their observance have been detailed. Yet it has always been emphasised, often and anon, that it is not their apparent and physical observance

that brings any results but it is the inner urge and the intention that really matters. For instance Quranic verses are amply eloquent on this when they say that woe be upon those worshippers who remain unmindful of their prayers, that the blood and flesh of sacrificial animals is not acceptable to God but only the lesson of righteousness which one imbibes from it, that even alms-giving is worthless if the spirit of sympathy and fellow-feeling is lacking and so on. In fact merely the external observance of practices unattended by the true inner urge and self-reform, go waste and act as a dead-weight.

Analogous parallelism between religious and scientific principles :

Thus it has been demonstrated that religion and science are based on analogous principles. Both have the common object of discovering truth, both work on the same principle of surrender to the Divine laws and both seek to make man's life healthier, happier and higher. We have also attempted to show above that *the three common concepts on the creation of universe are acceptable to both, the Quran and modern sciences ; i.e. the unity and uniformity of all creation, the constructive forces of union of pairs in a balanced and harmonious blend and the value and worth of inner energy or urge of the soul.*

Einstein's Hypothesis of Relativity :

Man seeks to make his life higher in the physical realm through his powers of observation, experimentation, reasoning and discovery of natural laws. In obedience to these laws, he makes inventions, thus benefitting through surrendering to Divine-will. But the domain of science remains limited to the material world and man's physical senses, as obviously its sphere of activity pertains to the material world. The realm of religion, however, is different, being the field of progress of man's moral and spiritual nature. Here he has, in addition to his good senses, the Divine-Word to aid and guide him ; surrender to it is conducive to progress and advancement in these planes. In formulating scientific theories man is often apt to err. Einstein's hypothesis of Relativity even postulates that man, through his physical senses and experiments with matter, can never arrive at the ultimate truth and reality, because of the very fact that he is conditioned by time and space. Whereas the basis of true religion is Divine-communication, which in its perfect form is infallible. *Hence the superiority and excellence of the perfect Divine word in the form of Quran in contrast to physical sciences, as the absolute and ultimate truth.* In this age of materialism and scepticism, it was prophesied by Hazrat Mirza Ghulam Ahmad of Qadian during the last decade of nineteenth century that the Quranic concepts are absolute truths. Anything contrary to them if upheld by the then current sciences, was bound to be proved as false and Quranic teachings would shine out in all their light of truth. In accordance

with this mighty prophecy uttered by him from the Divine source, we witness its fulfilment before our own eyes. Nineteenth century scientific notions about creation which were contrary to Quranic concepts, have been shattered to pieces by the twentieth century Nuclear-science. Here below we reproduce the great prophecy of the ascendency and prevalence of Quranic concepts over current contrary scientific notions as uttered by this greatest saint in the history of Islam.

Promised Messiah's Prophecy of Triumph and Victory of Islam against alien Sciences and cults :

“In this age there is raging a severe conflict between the forces of religion and science. Noticing the onslaughts science is making on religion, there should not be the least dis-heartening and disappointment. In this conflict, it must be remembered, Islam need not make compromise with alien forces like a vanquished and fallen foe. *On the contrary, let this prophecy be kept in mind, that this age being one of the spiritual sword of Islam, Islam once again is bound to come out victorious in this conflict also*, as it has shown its prowess previously, that its foes would soon be routed ignominiously so that Islam would triumph over all alien forces. However severe the onslaughts of science be and no matter with what new weapons the modern sciences may make attacks, defeat is ultimately decreed for them.

“I assert it with God's gratefulness that I have been blessed with the knowledge of the superior excellences of Islam, on the strength of which I can assert that not only Islam would safeguard itself from the onslaughts of the new sciences but would soon prove the falsity of the contrary concepts. Indeed, Islam has absolutely no cause to be afraid of the attacks which new sciences and philosophy are making. The days of its glory are near at hand and I am already witnessing the signs of its victory in the heavens. *This glory is spiritual as is this victory spiritual*. So that the Divine-forces of Islam might weaken the contrary forces of false sciences to such a degree as to crush them entirely. I am at a loss to understand as to how and from whom have you learnt that the concepts which modern science and philosophy have coined are superior to Islamic principles ?

Remember truly that these sciences possess an incomplete weapon of inductive logic and reasoning only, whereas Islam has to its credit, not only all this in its completeness but has also other heavenly weapons in its support. What cause for alarm then be for sake of the faith of Islam !”

(Ainai Kamalat-I-Islam).