

Theory of origin and phenomenon of life*

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Abstract

Origin of life and understanding the Universe had been the matter of inquisition to mankind. A new theory is put forward here that could also be called 'Revitalism' compared to the vitalism of previous two centuries. So far science has not visualized that besides matter and electromagnetic radiation any other form of 'energy' can exist. Now having realized that there could be dark energy, which has been proved to be existing (vide 'Energy theory of matter and cosmology' written by the author in the same issue). Scientist with an open mind should look for other forms of 'energies' so as to better understand the universe, matter and life forms. There is an 'energy' which acts as the source of life in different life forms. 'Soul', which is also in the form of energy, does not interact directly with the matter or electromagnetic radiation but interacts directly with the 'energy' which forms the source of life. So it would be a far more difficult proposition to understand the 'energy' which constitutes the 'soul'. The study of 'energy' which forms the source of life is very much possible because it interacts with the matter when in the form of cells. A fresh view of all the life sciences is required so as to have the perfect understanding of phenomenon of life.

Keywords: Origin of life, universe, vitalism, energy, creation, soul, matter

*The concept of the theories by the author has been put forward in detail in his book entitled 'Natural World Order & The Islamic Thought'. A thorough reading of the book may help the reader to make complete understanding of the theories.

Introduction

Theology is bound to fail with science in the present form. Forgetting the field of philosophy one may close the doors of contribution of mind to the understanding of universe, matter and life forms. Seeing is believing; science can see matter and electromagnetic radiation but mind can see even beyond. The mind is a very powerful faculty with humankind whose potential of contributing to the understanding of the universe, matter and life forms has been absolutely neglected for the past two centuries. If divinity exists there has to a platform where science, philosophy and theology could stand together in a symbiotic state.

Theory of origin and phenomenon of life

Theory

Human being is the most intelligent and perfect creature on this planet. Hence our primary concern should be human beings. Unless and until we understand the origin, constituents and purpose of human life nothing could be right about the life of the human being on this planet. Let us consider the origin of human life. There could be only two possibilities, either the life came into being by itself or life has been created by some creator. One has to bear in mind that either of the two possibilities could be right. In case the life including the human being came into being by itself, then the question of the creator does not arise and the study and adopting theology in any form should be stopped. There is no formal scientific theory to the effect that life on this planet has been created by a creator. However, there is one theory which claims that life evolved naturally in time by mere chance under the influence of the environmental factors without any intervention from any external factor and this theory is named Darwin's Theory of Evolution after the name of the

person who put forward the theory. We have to analyze this theory scientifically and philosophically. Scientific difficulties of Darwin's theory on the same principles on which it was derived are well known and well written about. Instead of repeating what is already written readers may refer to the books wherein all the information regarding the difficulties of Darwin's Theory is discussed in great detail. The following books have been written by Adnan Oktar under the pen-name Harun Yahya and are available on www.harunyahya.com:

1. If Darwin Had Known About DNA.
2. Confession of the Evolutionists.
3. The Error of the Evolution of Species.
4. The Collapse of the Theory of Evolution.
5. New Research Demolishes Evolution.

These books give sufficient proof that there are very serious problems with Darwin's Theory scientifically as such the theory is not tenable.

The basic unit of all life forms is a cell. All life forms, unicellular or multicellular, originate from a single cell. Biologists know almost everything physical *viz.* different types of cells of plants and animals, and what function different constituents of cells perform; of which Darwin at his time had no information. According to Darwin's Theory, the cells have life as a natural phenomenon and there should be life in every cell with food supply of the cell intact. The very existence of dead cells with food supply intact and constituents of cells intact defies the Darwin's Theory on simple and fundamental principles. The existence of such dead cells cannot be explained by any scientific method.

It is believed that DNA molecule in the nucleus of the cell contains all the information pertaining to the cell, organ or organism and to know about the cell and the DNA I will again refer to two books written by Adnan

Oktar under the pen-name Harun Yahya, which are available on the already quoted website and are:

1. The Miracle in the Cell and 2. The Secrets in the DNA.

With this in view, matching of the DNA's of human being and chimpanzee to the extent of 95% (R.J. Baitten, 2002) defies the Darwin's Theory; because 5% variation of DNA cannot account for huge difference of physical and instinctive characteristics; which as such proves loudly and clearly that DNA is not containing all the information regarding the cell, organ or organism and the inheritance & modification over time due to environmental factors is not based on facts.

Let us analyze the Darwin's Theory of Evolution philosophically. There are some basic, fundamental and simple facts which need to be considered to understand the phenomenon of life. Molecules and chemicals are known to have physical and chemical properties. Outside the cell, the basic unit of life, molecules and chemicals in any composition or in any set of arrangement do not and cannot have the property of reproduction, growth, sense of identification of harmful and beneficial molecules and chemicals and many other senses. How is it that all the constituents of the cell when in the cell possess senses? Whatever the extent of information contained in the DNA, it cannot give the senses of reproduction, growth and many other senses to the cell, organ or organism; DNA can, at the most, be responsible for definite physical and chemical characteristics of the cell, organ or organism. The life in the cells or organic being cannot be due to the mere arrangement of chemicals & molecules and by any means the instincts cannot be stored and transmitted. Darwin and evolutionists assume that because of special arrangement of chemicals and molecules in the cells and elsewhere, life exists as a natural phenomenon and the instincts in the organic being could be stored, transmitted and modified by the numerous, successive and slight modifications. This is due to the lack of philosophical mind on the part of biologists which includes the evolutionists. We need to understand the phenomenon of life before we could decide upon the origin of life. Evolutionist's basic presumption that life exists due to mere arrangement of chemicals and molecules in the cells, organs or organisms is not acceptable. Philosophically it has been concluded, decades before, that the process of evolution as the origin of life is not tenable and there is something wrong with the Theory of Evolution and explanation of phenomenon of life as understood by the biologists. This would be clear to readers by the passage from Wildon Carr quoted as:

'If intellect is a product of evolution the whole mechanistic concept of the nature and origin of life is absurd, and the principle which science has adopted must clearly be revised. We have only to state it to see the self-contradiction. How can the intellect, a mode of apprehending reality, be itself an evolution of something which only exists as an abstraction of that mode of apprehending, which is the intellect? If intellect is an evolution of life, then the concept of the life which can evolve intellect as a particular mode of apprehending reality must be

the concept of a more concrete activity than that of any abstract mechanical movement which the intellect can present to itself by analyzing its apprehended content. And yet further, if the intellect be a product of the evolution of life, it is not absolute but relative to the activity of the life which has evolved it; how then, in such case, can science exclude the subjective aspect of the knowing and build on the objective presentation as an absolute? Clearly the biological sciences necessitate a reconsideration of the scientific principle.'

Every living organism has the intellect of survival, growth and reproduction as natural instincts. It is due to the compartmentalization of different fields of study that the biologists and evolutionists have not taken notice of such basic and fundamental philosophical problems of evolution and phenomenon of life. The processes which take place within the cell, biologists assume that these processes are a natural phenomenon and no biologist has gone further as to how such processes take place within the cells and have given the names like protein-synthesis, cell-metabolism to cover up the mysterious functioning of the cells. The biologists have to give an explanation of causative factors for all the processes which take place within the cells and none of the microbiologists, including molecular biologists, bio-chemists and genetic scientists have even thought of any explanation. The food material being converted into amino acids which in turn are converted into 2,00,000 types of proteins in the cells; as the human body uses this number of proteins. It is presumed by the biologists that the information of protein formation is encoded in the DNA and also the information of the proteins to be utilized within the cells and those which are to be exported outside the cells. This argument is held by the biologists to avoid defining the actual cause of the functioning of the cell. Unless there are means of communication between the DNA and the actual constituent of the cell where the protein synthesis and other functions take place and these means of communication are identified, which could pass on such information, the cell function would remain the mystery. No such means of efficient communication have been conceived not to speak of identification. The functioning of the cell is accepted as a mystery which needs to be resolved.

There has to be a theory to explain the mysterious functioning of the cells and that of organs and organisms. If the theory can explain all the phenomena which have not been explained so far by scientists and the philosophers then one has to consider the theory seriously. The theory has been conceived and is presented herein. If that is done, the Darwin's Theory summarily fails to explain the origin & phenomenon of life.

There has to be a driving force within the cells, organs or organisms which could be responsible for livingness of the cells, organs or organism. Human beings have to look for this driving force which gives life to the cells to know the origin and phenomenon of life. It has to be done scientifically as well as philosophically.

The existence of the dead cells with the food supply intact and the constituents of the cells also intact is a phenomenon which in no case could be explained by any scientific demonstration with the presumption of biologists that life exists as a natural phenomenon in the cells. This phenomenon could be explained by existence of some driving force or livingness within the cells. There is absolutely no other alternative but to accept this driving force or livingness or essence within the cells to explain existence of dead cells with food supply intact and constituents of cells intact.

Secondly, matching of the DNA in two species to the extent of 95% or more and their differences in physical and instinctive characteristics, as wide as that between chimpanzee and the humans, loudly and clearly proves the existence of some other substance, the driving force or livingness or essence as the cause of differences in the physical and instinctive characteristics.

Thirdly, despite tremendous advances in the molecular biology, bio-chemistry and genetics, the functioning of a living cell continues to be a mystery. Unless and until we accept the existence of a driving force or livingness in the cell, this mystery cannot be resolved. This substance within the cell as the source of life has to be highly complex; more complex than the cell or DNA.

Fourthly, we might know the processes from production of sperm or pollen and its fertilization then birth, growth, survival, reproduction and finally death of the organisms but science has so far failed to assign or explain the causative factor to all these processes.

Fifthly, there are many other phenomena such as sleep, mysticism or spirituality, mystical curing of diseased human beings, evil spirits etc. All these phenomena could only be explained by the existence of this complex substance within the human beings.

The physical characteristics of this complex substance are described as: -

1. This substance has to be invisible to the naked eye, microscope, electron microscope etc. because till date no such substance has been seen or imagined to be existing in the cell or organic being except some vague imaginations/concepts put forward by some philosophers like Plato, Aristotle, Leibniz, Avicenna and Averroes etc.
2. This substance has to be highly complex and interactive within the cells; otherwise this substance has to be inert and inactive with respect to other matter outside of the cells. This is due to the fact that physicists have not made any observations regarding such a substance. It has to be more inert than neutrinos outside the cells.
3. This substance when interacting with the constituents of the cells or organic being gives senses of reproduction, growth, understanding or simply life to the cells or organic being.

4. This substance has to be highly interactive and communicating between different units of its existence within the organism and also capable of having independent existence also.

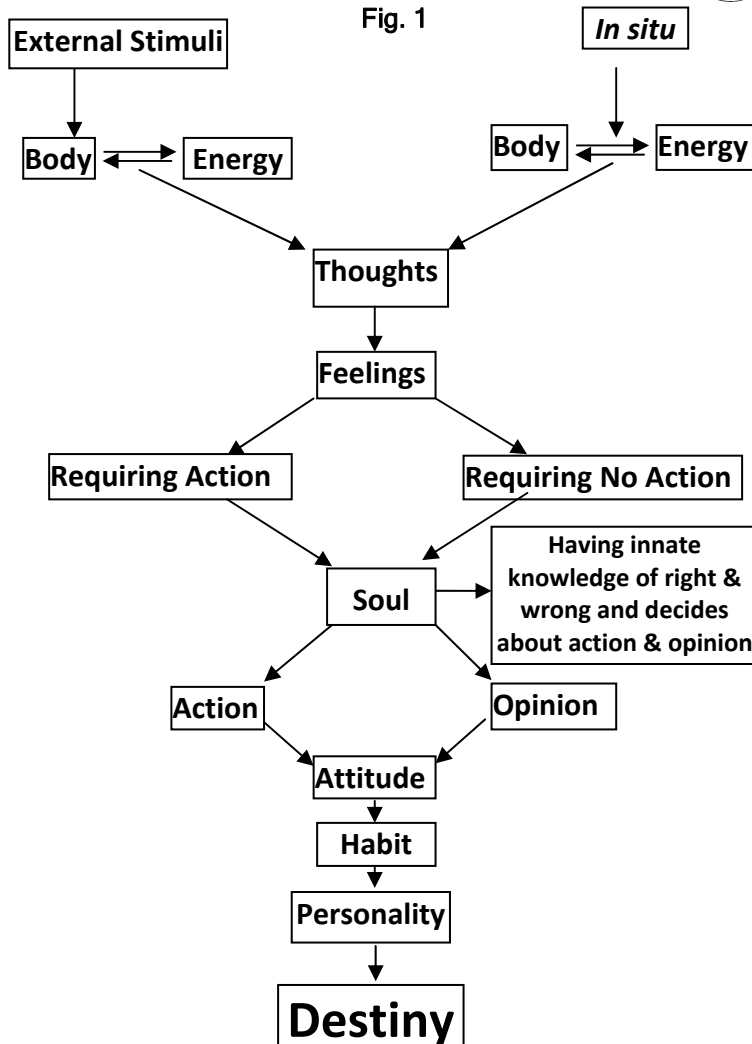
Evidently the substance could be highly complex 'energy' which could have its independent existence as well. This 'energy' is the source of life of every living thing including plant and animal.

At this stage, readers might feel that I am trying to resolve the mysteries of cell function and human being by introducing some mysterious 'energy'. But let me prove the existence of this 'energy' indirectly by explaining everything which hitherto could not be explained by science or philosophy. The humankind, being a special and perfect creature and our primary concern, let our attention be on the human beings only. In this 'energy', which is the source of life for all living things and in so far as the human being is concerned, is embedded the 'ego' of the human being. This 'ego' is the 'soul' of the human being. Thus living human being is not simply a set of different groups of cells but besides these cells, human being has this 'energy' as the source of life and a 'soul'. The physical body of the human being, 'energy' and the 'soul' can have their independent existence also. The physical body in the form of a dead body has neither 'energy' nor 'soul'. In the condition of sleep human being has physical body and 'energy' and the 'soul' is either dormant or absent. Acceptable explanation of all the phenomena by this design would be a proof of existence of 'energy' and 'soul'.

The body and the 'soul' independently are inactive and with the help of interaction between the body, the 'soul' and the 'energy', human being turns to be a living being capable of all the activities. Due to the interaction between the 'energy' and the human body thoughts are created either due to the external stimuli or *in situ*. These thoughts after giving some feelings reach the 'soul', where final decision of action is taken and opinion is formed. The 'soul' of the human being has the innate knowledge of right and wrong of every action, thought or opinion. Now if we prove that innate knowledge of right and wrong exists within the human being that will indirectly prove the existence of 'energy' and 'soul'.

I have done intense research by interacting with people of different education levels and intelligence quotients, of different classes of societies and of different financial status and even observed the children of different ages of above mentioned classes of people. Every adult human being has agreed of having the innate knowledge of right and wrong irrespective of the religion and social taboo. This is the most convincing indirect proof of existence of the 'energy' and 'soul' to all the people of the world and resultantly indirect proof of the ultimate failure of Darwin's Theory of Evolution.

The destiny of the human beings lies in as to how they apply their innate knowledge of right and wrong to all of their actions and thoughts.



Due to the external stimuli or *in situ* thoughts are created in the human being as the result of the interaction between body and the 'energy'. This gives rise to the formation of feelings, which may require action or may not require action, and in 'soul', with the innate knowledge of the right and wrong, decisions are taken about the action and opinion. Thus, an attitude of a human being is formed by the way he acts and with time he develops a habit and finally a type of personality is formed which determines the destiny of the human being. This all is represented in the Fig.1 for easy and quick understanding.

Evolutionists assume that habits or instincts are inherited and transmitted to the off-springs by their parents. But through genes only the physical characteristics are transmitted to the off-springs. Since physical characteristic could be stored and transmitted through genes as such for all the plant species the type of 'energy' required as source of life could be uniform 'energy'. But for the animal life the 'energy' has to be different for different species, because instinctive characteristics of different species are different. Evidently there is no need of any 'soul' in respect of plant life on the whole and all of the animal species except human being.

Keeping in view what has stated herein and trying to understand the human being to be in a state in which we find him, we could easily draw the inference that the Theory of Evolution fails scientifically as well as philosophically. But the fact remains that the origin of life has to be explained which I will do hereunder.

It stands cleared that the cells and 'energy' in respect of plant life and most of the animal species and cells, 'energy' and 'soul' in respect of human beings contain all the information of physical characteristics and instinctive characteristics including the senses of growth, reproduction, etc. The cell being the basic unit of life wherein the 'energy' is the source of life or driving force or livingness and in respect of humans cells contain besides 'energy', the 'soul'; the most convenient and acceptable origin of life has to be the cell but unlike Theory of Evolution, cells have to originate for different species separately and independently and secondly the place of origin of the cells have to be water and thirdly the cells have to originate at different places on the planet as different species, plants and animals, survive in different climatic zones. Human being is one of the species which can survive naturally in every climatic zone. In respect of human being we could accept that the whole humanity originated from the couple of cells; one cell of the male and another cell of the female. In that case one has to understand that the combination of cell and 'energy' especially the 'energy' in respect of initial two cells, one male & one female to be slightly different, to allow for the fending in the initial stages of the first human male and female like some of the animal species who survive in absence of the parents.

Having resolved the mystery of the functioning of the cell and proposed a theory of origin and phenomenon of life; the question as to whether the initial cells for every species have originated by itself or have been created, needs to be answered. After analysis of all the studies conducted regarding the cell and the DNA and also keeping in view what is contained herein one can easily conclude that there is negligible probability that the cells could come into being by itself. How could such a complex and perfect entity come into existence without the intervention of the perfect designer or creator? Any statistician, biologist or a philosopher after due consideration of all aspects of science and philosophy would simply arrive at one and only solution, that the initial cells of every species have been created by a perfect designer or creator. Even if scientists may be in position to assemble the cell but to give life to the cell would be beyond human reach because the 'energy' required for the cells to be live and functional is not under the control of human being. This also substantiates the existence of perfect designer or creator as the only cause of creation of all life forms on this planet.

The theory and design of the human being which has been conceived herein had not been thought of by

scientists so far but several philosophers in the past have vaguely conceived the existence of such a design of human being. These ancient philosophers namely Plato, Aristotle, Leibniz, Averroes, Plotinus, Avicenna etc. were the first who suggested the somewhat similar design of human being, but since no scientific evidence and verification was possible at those times; the designs remained only as ideas and virtually faded away with time. Since during last two centuries philosophy was an almost forgotten field of study no scientist or researcher, also due to compartmentalization & specialization of scientific study, paid any attention to the works of these great ancient philosophers. Out of all the philosophers whom the world has produced till date, Plato stands out as the visionary philosopher. The contents of this work would make it clear that Aristotle, though a genius of his time, except his borrowed concept of 'Ousia' which he borrowed from Plato, all his philosophy especially his political philosophy had been on wrong foundations. Plato's concept of 'forms' and his belief that the material world as it seems to us is not the real world, but only a shadow of the real world, has been conceived and evidence gathered is this work. Leibniz had also put forward the concept of 'monads' in place of 'energy' of this work as the source of life. In the 'soul' of the human being there is the innate concept of perfect universal creator which human being feel as intuition which Descartes realized and suggested that since humans have the feeling that God exists; God must exist. This design confirms the basic concept of Descartes. Descartes' concept was rejected by Kant later-on on the basis of his confusing philosophy which was not based on the right principles. However, one must admit that a few of the inferences which Kant drew do hold good because he in his philosophy accepted the existence of 'a priori' but his definitions and classifications of 'a priori' are not tenable.

To summarize the theory and design of the human being; human being consists of the body, 'energy' and 'soul'. All the three constituents of the human being are capable of independent existence. The body occupies the defined space whereas 'energy' and 'soul' have no defined space as they have no limitations of space. The body acts as material base and 'energy' is the source of life, the driving force or livingness or essence within the body with abundant properties; 'energy' could be initially uniform with all the human beings and once in a human being it stores the information (deeds) and subsequently gets labeled as 'energy' of a particular individual. While interacting with the body it gives the senses of growth, reproduction, feelings, emotions and most importantly produces the thoughts of right and wrong desires as the result of external stimuli or in situ. This 'energy' under special conditions can have the senses of hearing, seeing and movement independent of the body so much so this 'energy' can perceive the existence of other 'energy' and know its content and quality and interact with the other

'energy'. Besides it stands already described as to what the 'energy' in itself has to be.

'Soul', as already discussed is embedded in the 'energy' and is capable of independent existence also, wherein the innate concept of existence of the creator is already existent besides it has the innate knowledge of right and wrong and the decision of action or formation of opinion lies with the 'soul' and finally the 'soul' of every individual is already created with defined identification as every 'soul' has an 'ego' associated with it.

This final design of human being would require more clarifications. As already clarified, due to external stimuli or *in situ* interactions between body and the 'energy', thoughts are created within the human beings. These thoughts give rise to desires and these desires could be right or wrong. Since these desires have to have the approval of the 'soul', the 'soul' having the innate knowledge of the desire being right or wrong, before the human being could take any action or form an opinion. It needs no clarification that the 'soul' of an individual has to be specific and no two 'souls' could be similar or equivalent. The most important point which needs clarification is that the 'soul' has the innate knowledge of existence of the perfect universal creator. The manifestation of this innate knowledge is that most of the human beings hold on to the perception that there exists a perfect universal creator irrespective of the religions they believe in. The intelligent human beings who study the religions deeply find that most of the religions are illogical and irrational but yet hold on to the perception that there exists a perfect universal creator. They also understand that the religions are corrupted, one more than the other, and even though having rejected the religious beliefs (as most people of the Europe and America and of advanced countries have) yet in the heart of hearts they know that there exists a perfect universal creator. This should be sufficient proof to every intelligent human being that the 'soul' has the innate knowledge of the existence of a perfect universal creator.

The 'energy' under special conditions can have certain properties/senses; could now be discussed to explain certain phenomena which hitherto have not been explained by science or philosophy.

It has been already clarified that thoughts give rise to desires in the human beings. The pre-requisite for spirituality or mysticism is to have the monotheistic belief, irrespective of religion, and one has to sacrifice all the human desires right as well as wrong except the desire of feeding oneself to survive for the sake of one perfect universal creator. Besides there is another mode of mysticism that is to adopt any of the monotheistic religion and carry out all the duties prescribed under that religion as a normal human being, then under the guidance of a spiritual guide and defined practices one can attain the spiritual power. By spiritual power is meant to have the control over his 'energy' through which he is exposed to different experiences which cannot be expressed by him.

The mystic or Sufi has the control over his 'energy' and the degree of control varies from mystic to mystic depending upon the purity of his mind and intention. With time the mystic attains the perfection through increase in control over his 'energy'; if he sustains the hardships and maintains his purity of mind and intention. Through 'energy' within him, the mystic can have the senses of hearing, seeing and movement independent of the organs of hearing, seeing and those of movement of the body. The perfection of the mystic could reach the climax when the mystic attains the power to influence the 'energy' of the other human being.

Since life in the human being is due to the interaction of body and the 'energy' and through the influence on the 'energy' the diseases of the diseased could be cured by the mystic, whereas doctors through chemicals, which influence different organs of the patient, cure the patients; besides doctors repair the damages of different organs/tissues through operations to cure the patients. Most of the diseases are due to some malfunction of the cells/tissues either due to the attack of bacteria or viruses or otherwise or else because of the malfunction of the 'energy' within the cells/tissues. The mystic through the influence on the 'energy' within the cells/tissues can cure both types of diseases whereas the doctors could cure the cells/tissues by chemicals or operation. This should explain the mystic curing of the patients which hitherto has been an unexplained phenomenon by science, theology or philosophy.

In many religions also there are also such practices by which they attain the control over the 'energy' of the self or other human being. The readers should know that mysticism or spirituality is also a way of life and some people sacrifice their lives for this purpose. The existence of mysticism or spirituality or even poetic mysticism should be indirect proof of this design of human being. This design of human being will also help in scientific study of sleep, dreams and psychology.

Discussion

Darwin's theory is the atheistic scientific theory of origin and phenomenon of life but so far there was no theistic theory of origin and phenomenon of life. Darwin's Theory has been shown to be based on wrong assumptions and is unable to explain the phenomena of life especially human life. Only the philosophers of the past had the vision to have visualized somewhat similar design of human being but since last two centuries science took over and having neglected the subject of philosophy, no theistic theory of origin and phenomenon of life has been put forward. Science can accept only those substances which exist in the form of matter & electromagnetic radiation and those which interact with matter & electromagnetic radiation. Science cannot go beyond its defined domain but human mind can and it is this advantage of humankind which could be utilized to understand the universe, matter and phenomenon of life. The 'energy' which forms the source of life does interact

with the matter but when the matter is in the form of cells. Since till date no theistic theory has been formally put forward and once this theory reaches the scientists an entire field of study will open up and better understanding of the phenomenon of life is possible. A fresh look shall have to be taken of all the fields of study of life sciences.

Proof of the theory

There are several direct and indirect proofs of this theistic theory of origin and phenomenon of life. However, these indirect proofs could only be evaluated by expert psychologists.

Direct proofs:-

- a) The functioning of the cells could be explained by this theory whereas the functioning of the cells has been and would remain a mystery.
- b) The phenomenon of life, plants and animals, could be explained by this theory because any set of atoms or molecules in any set of combinations excepting the cells do not and cannot have life with the senses of growth, reproduction, etc.
- c) Third direct proof of this theory is described in the chapter "Origin & Source of Philosophy" of the book. This proof logically should have relevance to all the theistic human beings of the world.
- d) The phenomenon of mysticism can now be scientifically explained and understood. The phenomenon of sleep in the human being could be explained by this theory and is also a direct proof of this theory.

Indirect proofs:- As already discussed, science has no feeling, thoughts, mind or 'soul' whereas humankind has feeling, thoughts, mind and 'soul'.

- a) The existence of innate knowledge of right and wrong of all actions of the human being is the most important and justified indirect proof of this theory of origin & phenomenon of life. The human mind would be the best judge of validity of this proof of the theory of origin & phenomenon of life.
- b) The innate knowledge of existence of the perfect universal creator with human being is another clear indirect proof of this theistic theory of origin & phenomenon of life.

Conclusion

The theory could also be called 'Revitalism' compared to the vitalism of previous two centuries, the concept of which also existed from the time of Plato and Aristotle. So far science has not visualized that besides matter, dark energy, and electromagnetic radiation any other form of 'energy' can exist. Now having realized that there could be other forms of 'energies' scientists with an open mind should look for other forms of 'energies' so as to better understand the universe, matter & life forms. It would be worthwhile to mention here that since the 'soul', which is also in the form of energy, does not interact directly with the matter or electromagnetic radiation but interacts directly with the 'energy' which forms the source of life, so it would be a far more difficult proposition to understand and study the 'energy' which constitutes the 'soul'. The study of 'energy' which forms the source of life is very much possible because it interacts with the matter when in the form of cells. A fresh view of all the life sciences is required so as to have the perfect understanding of phenomenon of life.