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Evolution of Human Intelligence toward an Optimum

K.L. Senarath Dayathilake, Human Well-Being Science Program, 177/1 Epitamulla Road,
Kotte-100, Sri Lanka

Humankind, known as Homo Sapiens Sapiens in their 'own' classification, have identified that they live on a planet called Earth, which rotates around a star called the Sun, which travels in the milky way of the universe with approximately 10^{20} (** new findings suggest that there are 200×10^{22})in (**our universe) stars. What should be the most scientific definition given to the intelligence of this humanity? What are the factors leading to such a definition? Have they reached the optimum or peak of such intelligence? The preliminary objective of this lecture is to determine briefly and precisely the evidence leading to that state.

It is believed that the universe's origin would have come into existence after the Big Bang, which occurred 15000-18000 million years ago. (** presently they believe it happened 13.5 billion years ago –But, I believe that was no single big bang or bigging of universe series of bug crunch and bi bang might occur). Whether the potential of matter and energy in infinite space has led to the origin of humanity is a result of a mere accident in the long process of the biological evolution of the Earth. Otherwise, what could be the reason for the origin of

humanity? These are some of the problems that cannot be distanced from scientific research. If so, whether there could not have been a cyclic origin of our universe in the process of matter-energy evolution and whether there had been even a partial contribution of humankind in the said big bang –big crunch, which I already discussed in my first article in Feb.1991. I want to forward some facts about this cyclic process.

Let us see some fundamental practical problems in the global societies present and past before considering complex problems and answers as in a thesis. We can see problems, like collapsing the family unit [between husband and wife/parents and children/children and children, etc.], the collapse of human rights in their society by their diverse leadership, distinction to tobacco/narcotics and alcohol, deliberately directing others to be abused, weapon production and distribution, war, terrorist activities, wastage of food, malnutrition, sexual misconduct, etc. Therefore, it is essential to consider (1) why such problems arise. What are the reasons for this? (2) Can such challenges be avoided by a correct intelligence evolution?

Please see Projection (Figure); 1

Few of these problems can be presented in a significantly different form. According to the UNO, 45% of the world's annual income is divided among 358 persons, and less than 1.1% of that income is divided between 20% of the lowest in poverty in 1996. However, there is also a similarity between these wealthiest and poorest sections. That is, very few of them could be satisfied with what they receive. One example is in a recently published letter that some wealthiest persons avoid paying taxes due to the state.

According to recent research, scientists have found that humans only use 1-4% of their brain capacity in their lifetime. According to another study, they discovered that the beautiful human brain's size has reached its peak. If so, using its potential to realize its value is essential.

We shall analyze the form of the primary cognitive mechanism of the power of the human brain to think and act.

Please see Projection (Figure); 2

I hypothesize that the "I-1" is the central identical fact of the present functional cognitive executive of the brain. The secondary facet of "I-1" is "I-2," which is the symbolic image of your body and the external world.

I have identified this cognitive phenomenon as a result of a specially encoded web of reflexes at many process stages. It is impossible to perceive the actual external world simultaneously. It happens because an external stimulus is transformed into electric signals and takes a certain period of the external world according to its rhythm.

Here is some evidence for convincing that this cognitive mechanism results from brain function. The lack of O₂, glucose, and supply of drugs, narcotics, and anesthesia could deviate the mind's functions. Therefore, this mechanism of I₁-I₂ may require glucose, O₂, and other substances in the blood, and total neuron biochemistry (proteins, lipids, DNA, etc.) in several stages may contribute qualitatively and quantitatively. So I would like to suggest a

fascinating scientific argument. All of yours and mine, as well as those of other bodily substances [without any restriction whether they are your enemy or friend in the present or past, etc.], are exchanged through the environment's N₂, water, C, cycles, etc. Therefore, how can we maintain the static identity substance in which we are made of the argument?

According to the Holy Bible, Lord Jesus said in his last supper, "Wine is my blood, bread is my flesh. "I think it is an interesting comparative example in this respect. Can anyone argue that substances such as H₂O, CO₂, N₂, and O₂ that rotate in the climatic atmosphere may have been in the present human bodies of Lord Buddha, who lived over 2500 years ago, and Lord Jesus Christ, who lived 1997 years ago and mentioned as respected relics, are not in our human bodies? Even by mathematical calculation, Lord Buddha would consume nearly 82000 liters (or H₂O 4.8 x10⁶ moles) of water during his 80 years of livelihood. Similarly, Lord Jesus would have consumed 2.1 x10⁶ moles of water molecules. How much matter has been spread in the word is left for future researchers to sort out. Here, a straightforward conclusion is that we can come to whatever differences among humankind, even the elements of their mental base, are common to each other. Is that not so?

Therefore, this short discussion by which we try to analyze some of our fundamental problems through a reliable cause of action called scientific methodology is not an attempt to protect the differences in ethnicity, religion, etc. [but to prevent and solve problems in humans] but to stress the fact that it is no longer advisable. Now, we shall investigate the essential contribution of the religious beliefs we could observe.

Elders, who act on the beliefs of mythology that the religious leaders solve your problems when you are in fear, sorrow, etc., pass on [encode] such beliefs to the younger generation. A unique feature is that a small child does not know such divine hope at birth. Such preliminary knowledge is passed to various children through less/or rational songs and meaningless words. In such a problematic situation, it has not been observed in an unbiased, scientific investigation that such beliefs have resulted in acceptable solutions. However, even if temporary or mental solutions are received, it is worth analyzing the reason for such a result. May receive temporary relief like;-

[1] It is primarily the satisfaction received in the belief that a maximum benefit or relief will be received in the future, even after death.

[2] Discussing the problem with a friend's priest and/or receiving a pleasure living in a dreaming world while singing songs, dreaming of sweet things such as the pleasure children receive when receiving fairy tales, etc.

[3] Like not questioning the principles prohibited by the religious leader through fear and respect, etc., to them.

As humans are far more advanced in qualitative and quantitative mental capacity, even than the 192 species of primates, should we not concentrate deeper on our feelings and actions?

The supreme human teacher who is called Buddha, a name that has a similar meaning in the Sinhala language to supreme intelligence, has given us the doctrine that contains intelligence in approximately 5 million words; whether this doctrine does not lead us to the more meaningful path is subject to discussion now.

It has been recognized that the 'biodata viruses' centered on our lives and the limiting factors that hide the evolution of human intelligence and its remedies are sound-data viruses. According to the Pali Canon [Tripitaka in Sanskrit], approximately 1500 (scholars have accounted for this figure in a few ways), such factors have been analyzed. These viruses can be divided into three subdivisions. They are 'greed,' 'hatred,' 'delusional,' mental states. Additionally, we have recognized three features in the present universe closely related to the categories in which matter and the energy of their actions are based.

According to the three essential features recognized by scientists, the human mind, which consists of the said three features in $I_1 - I_2$ (symbolic world), the limiting factors for the optimum development of the complex process are the above three factors that have been recognized. The brain, part of the universe, is the stage of the evolution of matter and energy organization.

(1) The concept of a desirable MV:

The attraction between elements is parallel to some of the mentally structured elemental programs in which one draws close to oneself or, in other words, the attempts made to gain long-term possession of stimuli—E.g. One's desire to enjoy his wife's beauty forever.

(2) The concept of hateful MV:

The repulsion between elements is parallel to one's tendency to expel and reject certain stimuli, e.g., the yearning to repel or destroy one who is your enemy.

(3) The concept of MV of delusional programs:

One's program can parallel the stabilization between elements' attempts to maintain stimuli and carry on regardless, e.g., the attempt to maintain the status of MV.

The opposite of these infective 'biodata viruses' could be mentioned as the three 'proper-healthy data-program treatments.' It could be pointed out by acceptable evidence that these problems prevailing in humanity could be overcome by healthy software containing the eightfold path, which we consider further on. Similarly, viruses are viruses that have been recognized as unintelligible factors. It has been accepted that the opposite is true for healthy treatment data factors. These factors act opposite to the mind viruses.

These mind viruses may exist in infinite forms that vary with the individual, deviating from the present form of mind viruses. Special features in remedial MV, such as loving kindness and equity, may also develop limitlessly. This May, it could be pointed out that the present working of the mind or volition is the action. These volitions work in three forms:

[1]Physical motor activities

[2] By verbal communications

[3] By cognitive mechanisms

When observing each other, the outside observer can directly understand and recognize two of the above three mechanisms. For these two activities, the basis is the nature of cognitive mechanisms. If someone behaves correctly and intelligently to attract another person, the observer will hypothesize his mental stability. It is not easy to perceive if such a person deliberately acts sensitively.

As the Buddha once said, "The image shows the society should be how you honestly behave and preach to them how should you live for positive trend- to evolve your mind" Then, problems would not/less arise. According to new intelligence evolution theory, it has not been observed that the majority of people are healthy or normal. However, it has been observed that there are a few examples of some that could reach positive potential even during a short period. Nevertheless, it was not observed that these positive examples depended on the extent of 'traditional' education or their wealth.

Even for ranking the diversity of human beings, it is identifying the 'data programs' and viruses and determining the correct leadership to destroy those viruses; the abstract of early Buddhism, the eightfold path, may be the best method embodied in the eight million words of the English translation of Pali Canon (PTS) preached by the Buddha. It is essential to compare what the Buddha has preached and the observation thus far that others do not live a healthy mental life except for those who are not returnable or who can return to mental defilements having reached higher intelligence potential.

It is relevant to consider the scientific background of the practical and theoretical contribution of the evolution of intelligence and the study of the quantitative and qualitative features embodied in the abstract of the Eightfold Path that I have discovered, viz.

(1) Engage in incorrect physical motor activities:

Actions devoid of destroying or injuring lives, beginning from Intelligence human beings, parents for all other animals: Theft; undue "self-enjoyment," use of dangerous drugs, etc..... For example, Giving a meal to a poor person without MV activating self.

(2) Engage in the corrections profession:

Actions devoid of trading or producing arms, dangerous drugs, poisons, trade-in animals, animal flesh, human beings, etc. (Preservation of the rights and duties of human beings, animals, and environmental harmlessness)

(3) Engage in incorrect communication:

Refrain (a) from telling lies, including unscientific communication; (b) from backbiting and slander and talk that may bring about hatred, enmity, disunity, and disharmony among individuals or groups of people; (c) from harsh, rude, impolite, malicious and abusive language; and (d) from idle, useless and foolish babble and gossip.

Cessation of all actions of mind viruses about (1), (2) & (3) above and engage in the correct evolution of intelligence - motor activities.

(4) Correct mental efforts (or scanning MV by PSMV):

- (a) Discard prevailing mind viruses
- (b) Prevent mind viruses from entering fresh forms
- (c) Encourage the development of prevailing progressive sound mind virus treatments and
- (d) Attempt to obtain new progressive sound mind virus treatments.

(5) Causes and effects study of correct mindfulness of the mental and physical states:

- (a) Mindfulness of the self-motor activities and the stimuli supplied to the mind;
- (b) Mindfulness of mind activities;
- (c) Mindfulness of the 'Eightfold Path, "Psychological study" of the causes and effects

Engage in correct mindfulness of (a), (b) & (c) above for a sufficient length of time, according to the self-potential and putting away worldly greed and grief.

(6) Correct concentration:

Reach four higher mental states remain Equanimity, awareness, and intellectual process.

(7) Correct thought:

Develop thought of selfless renunciation - detachment programs of mind

- (a) Develop thoughts of loving-kindness programs of mind
- (b) Develop thought of (when others are not in a well-being state) compassion programs of mind
- (c) Develop thought of (happy when others are in well-being)'sympathetic joy' programs of mind
- (d) Develop thoughts of Equanimity when you face -
 - 'Gain' or 'loss.'
 - 'Honor' or 'dishonor.'
 - 'Praise' or 'Blame.'
 - 'Happiness' or 'sorrow.'

(8) A correct understanding of causes and effects alias "scientific thinking" - to get rid of the state of suffering which arises from mind viruses by the understanding importance of PSMV treatments - Intelligently act according to them.

Even if knowingly or not known by name, self-study in the eightfold path, potential intelligent persons may make a healthy environment for themselves and others, making intellectual, cultural evolution toward social development. Even recent research suggests by Dr. Buddadasa Bodhinayaka, a British citizen and consultant psychiatrist, that breathing awareness meditation may lead to positive, healthy development, even for severe psychiatric patients, to overcome such ailments.

It is hypothesized that efficient and effective evolution will occur, destroying the data and viruses after global discussion after accepting the scientific merit of this new intelligence evolution theory when we consider what priority factor should be applied to minimize or prevent conflicts as much as possible. (1) mental [and physical] health (2) by the correct livelihood through the healthy mind could be achieved, its optimum happiness (3) Could gain the confidence [not act harm to self and others] of all beings from home to the global family. We could clearly come to this conclusion when studying the Dhammapada text's stanza. In intellectual evolution, the above three requirements, mentioned as primary requirements, reveal a critical juncture. When we analyze Buddha's doctrine, one could argue whether we could fulfill 100% of the requirement mentioned; the Buddha has answered these five fate facts.

- (I) Hereditary factor
- (II) Present cognitive factor
- (III) Past cognitive factor
- (IV) Weather and climate factors
- (V) And Other Natural laws

Important facts deriving these factors are there are no places to divine deciding fate factor/s astrological deciding facts had been emphasized. While implementing the eightfold path, there is an essential background for it called the middle path. It is interesting to compare this middle path and another biological example, i.e., [projection 4] enzymes need their peak activities to the best temperature range. Therefore, for the best intelligence development, you

need a suitable environmental background. You have come for a simple lifestyle, fulfilling only basic needs. [not for looking luxurious life or suffering creating background]

This study supplies sufficient evidence to hypothesize that a human clan, including the Buddha and some disciples, would have benefited from the optimum potential of the said complex intelligence evolution because it could be observed that optimum evolution cannot take place without damage to personal problems of humans, contrary to this and social problems such as mental health, happiness and the minimum damage to each other, without destabilizing such confidence.

This trend could be further established through some rules and regulations accepted by society. Unless the humans on Earth destroy themselves or are destroyed by a natural disaster, even in the thousands of years to come, they will be compelled to extend their lifespan and control physical ailments, thereby reducing sorrow; the problem that arises here is that the lifespan cannot be made 'infinite.' I entrust it to you to consider whether the development of their scientific and technical potential will not lead them to a 'delusional craving' that they could manipulate the circulation [big-bang- big crunch] of the solar system, milky way, and gradually the whole universe.

I wish and hope that the massive problem that lies ahead maintaining the biosphere in a well-balanced manner, hypothesizes that evolution of the optimum intelligence took place 528 BCE years ago minimizing the destructive actions, conflicts, problems, etc., organization such UNO become more efficient in globalizing the world by research and study of the abovementioned theories and utilizing the said theories to analyze complex problems in the

globalization process, by scientists and philosophers increasingly practical applications of the said principles.

I conclude the discussion by permitting any clarifications if necessary and thanking all those who are present, all those who assisted me, the present director of the National Institute of Fundamental Studies, Sri Lanka, and the staff who provided me with this opportunity.

Projection 1

Interrelated stabilization factors
In a optimum intelligence
Evolution

→

Environment
protection

→

Existence of an inorganic
friendly environment

Using water, air, soil
In a minimum
Pollution level

Self mind
And body -→
Healthiness <-----

Fulfill basic needs by
Protecting plant
Diversity

Relies the animal kingdom
From human harassment
To the maximum
Possibility

Physical, mental and
Cultural development
Of other human beings