

Truth in the Mirror of Wisdom

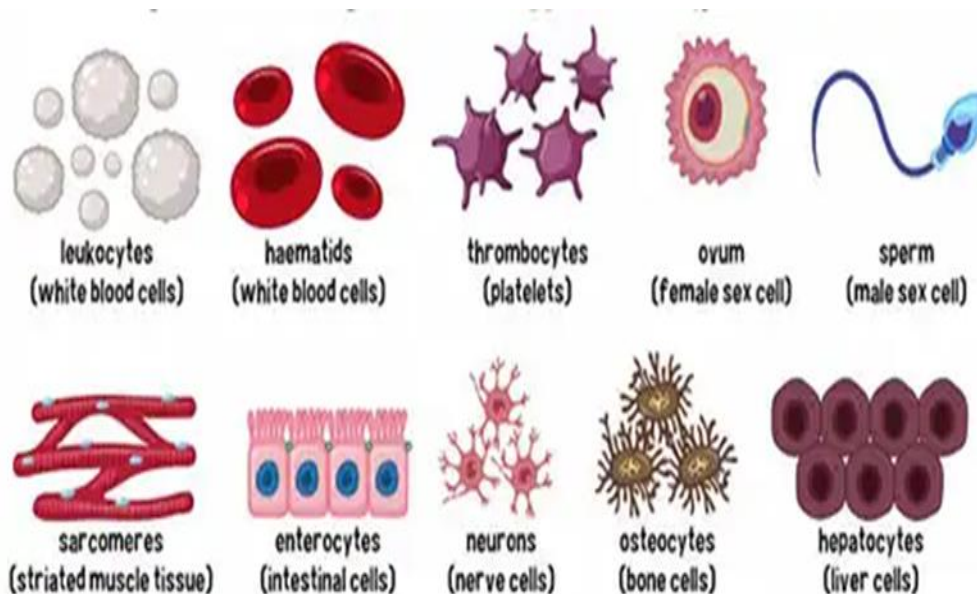
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First - An Introduction to the Research Subject

Before delving into the subject of the article, it is worth noting that the research approach to understanding truth is comprehensible from all angles and aspects of existence. Since the essence of scientific investigation in all fundamental branches of modern science is the pursuit of truth, it is generally categorized into the following three sections:

1. Natural Sciences (Physics, Chemistry, Biology, Earth Sciences, Space Sciences, etc.)



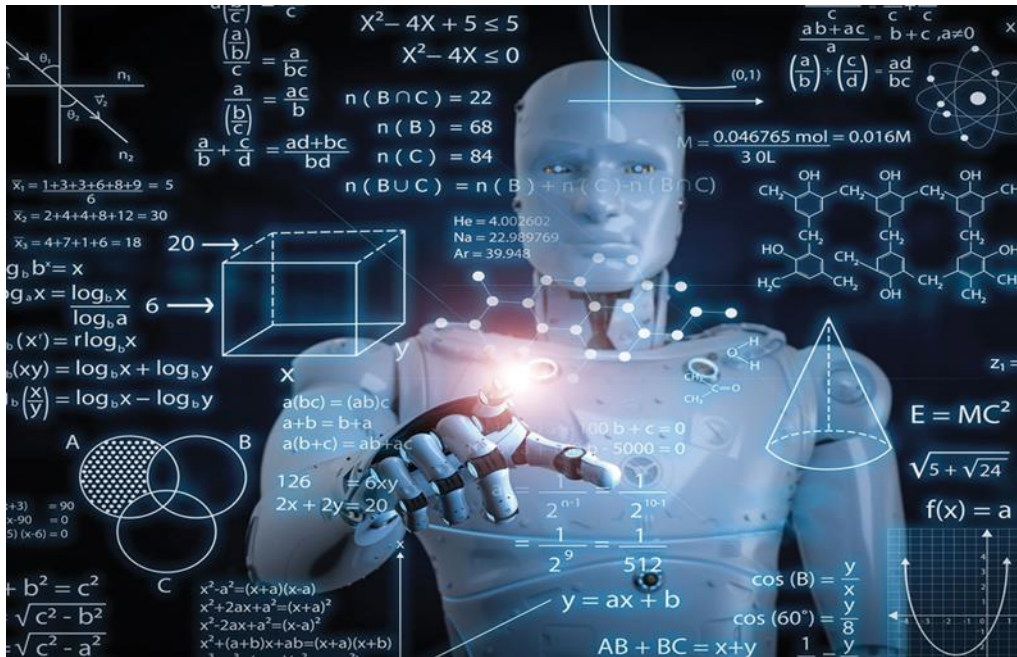
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1. Social Sciences (Psychology, Sociology, Anthropology, Economics, Political Sciences, etc.)



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2. Formal Sciences (Mathematics, Logic, Computer Science, etc.)



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It must be acknowledged that the true recognition of existence through modern knowledge and wisdom enhances human awareness and understanding. This enables the intelligent human to constantly embrace and endorse the processes of synthesis, rotation, leap, motion, change, and evolution within the sphere of "being," driving towards renewal and innovation, while reflecting and examining these phenomena.

Perceiving and comprehending the concept of "truth" within the expanse of existence is infinitely vast and a comprehensive approach. However, to grasp the essence of the matter, this writing confines itself to presenting the ideas of evolution and the creation of the universe from scientific and philosophical perspectives, as well as the beliefs of religions regarding this question.

The purpose of presenting the issue of "truth in the mirror of reason" is to discover scientific laws and standards for recognizing "truth" from the universe.

There are various interpretations regarding the concept of "truth in the mirror of reason," each addressing the issue from a different viewpoint. Reason is known as a force that enables humans to discern truth and distinguish between right and wrong. The mirror symbolizes reflection and manifestation, and in the mirror of reason, truths can be observed as they are, without any manipulation or prejudice. Accordingly, "truth in the mirror of reason" is interpreted as the accurate reflection of truths through rational thinking.

Revealing "truth in the mirror of reason" requires efforts to cleanse reason of any tarnish and to practice rational and critical thinking in the process of understanding. Just as a mirror provides an unblemished image of what stands before it, reason can grasp truths without being influenced by emotions, biases, or personal beliefs. However, like a mirror that can become tarnished, reason can also be clouded by various factors such as desires, ignorance, negligence, and lust.

When this occurs, reason can no longer clearly perceive the truth and may deviate and err. Therefore, for reason to function correctly, it must be kept free from tarnish and corrosion. There are various methods to achieve this, including:

1. **Deep Thought and Research:** Reading, contemplating, and reflecting on various issues, particularly philosophical and metaphysical questions, can strengthen reason and enhance its ability to discern.
2. **Meditation and Self-awareness:** Meditation and self-awareness help individuals become conscious of their thoughts and emotions, scrutinizing and examining them. This can prevent emotions and biases from interfering with rational thinking.
3. **Open-mindedness and Dialogue:** Engaging in open-minded dialogue with people holding different viewpoints helps individuals view issues from various perspectives and avoid biases.
4. **Avoidance of Desires and Instincts:** Refraining from succumbing to desires and instincts helps individuals maintain their sharpness, acumen, and awareness without compromising them.

By striving to keep the mirror of reason clean, one can achieve a deeper and more precise understanding of truths, leading to a more harmonious and purposeful life.

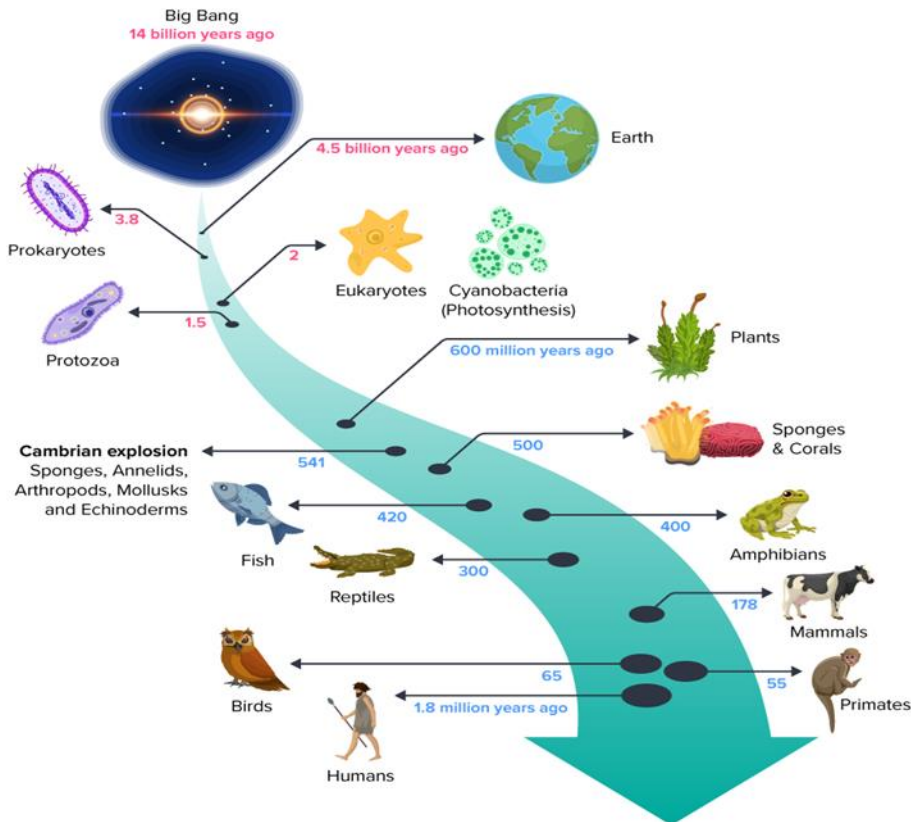
Second - reflection of the scientific truth in the creation of the universe

The authentic approach to cosmology in the mirror of reason aids research by allowing scholarly education about the understanding of beings, in alignment with scientific and investigative data. If one contemplates the realities of creation and evolution with a rational perspective, free from ritual, faith, and conviction, then scientific education and the wise experiences of human knowledge must be intelligently valued and subjected to careful and profound scrutiny.

The unveiling of the mysterious secrets of creation and the discovery of the truths of existence through science, philosophy, and mysticism are immensely valuable. They open the way for

human understanding and education toward the pivot of the leap, synthesis, and evolution of the nature of phenomena.

For example, the prevailing scientific achievements currently associated with the Big Bang theory suggest that our universe emerged approximately 13.8 billion years ago from an extraordinarily hot and dense event.



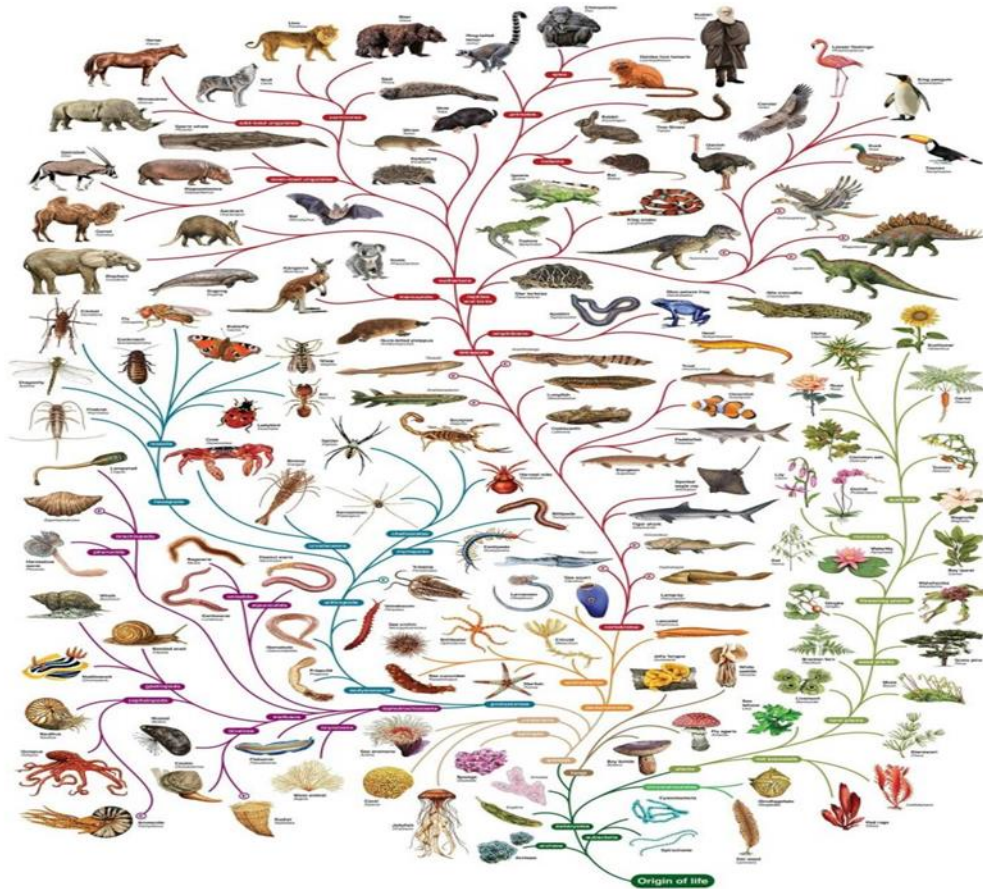
This image is taken from: the website of the National Certification Center of Iran

In the initial phase of this Big Bang event, the universe was extremely hot, dense, and energetic. Over time, this energy transformed into matter and radiation, and the universe began to expand and cool. About 380,000 years after the Big Bang, the universe had cooled sufficiently for atoms to form. The formation of atoms paved the way for the creation of the first stars approximately 100 to 200 million years after the Big Bang. These massive and hot stars produced heavier elements through a process known as nucleosynthesis.

The decay of these first stars led to the dissemination of heavier elements into the interstellar medium. These particles were eventually used to form subsequent generations of stars and planets, including our planet Earth.

Earth formed around 4.5 billion years ago from a swirling disk of dust and gas under gravitational pressure in the process of orbiting the sun. Initially, Earth was hot and full of volcanic activity. Over time, it cooled, and a solid crust formed. The first living organisms appeared in Earth's oceans about 3.5 billion years ago. Since then, life has evolved into a wide variety of forms, and to this day, the universe continues to expand and evolve.

Evolution or hereditary change of organisms in the process of successive generations



Taken from: Khurshid Tourism Farm

Scientists, based on current scientific data, estimate that the universe will continue to expand for another 20 billion years. After that, the expansion might slow down and eventually collapse. This is the scientific history of the formation of the universe that scientists and rational thinkers have understood and recognized through their scholarly experiences. There are still countless things about the early universe and its evolution that human knowledge has yet to discover.

Third - Religious Beliefs on the Creation of the Universe

Contrary to the scientific and philosophical teachings and thoughts regarding the origin of the universe, it is appropriate to consider the beliefs of religions concerning the creation of the universe, in order of their antiquity:

First: The Teachings and Rituals of Zoroastrianism (1st Millennium BCE) on the Creation of the Universe

In the sacred books of Avesta, Bundahishn, Denkard, and Vishtaspa, it is stated: "The creator of existence is Ahura Mazda or the one God, who created the world through six good creations. These six creations include the sky, water, earth, plants, animals, and humans".

Regarding the creation of humans in Zoroastrianism, the first human is named Gayomard. After Gayomard, the first human couple, Mashya and Mashyana, were created.

Second: Hinduism's Beliefs on the Creation of the Universe

In Hinduism, Brahman, the supreme God, is recognized as the creator of the universe and the essence of everything.

In Hinduism, Prakriti or the primordial nature is the intelligent entity upon which the universe exists and operates.

Hinduism believes in the concept of the cosmic cycle, which means that the universe is continually in a cycle of creation, preservation, and destruction, guided by Brahman (the one God).

According to Hindu beliefs and teachings, 25 essential principles called "Tattvas" constitute the universe. These include water, fire, air, birth, death, parents, relatives, mind, intelligence, ego, breath, will, desire, hunger, thirst, knowledge, space, time, aging, disease, ignorance, and more.

Third: Abrahamic Religions, Including Judaism, Christianity, and Islam, Have Different Narratives of the Creation of the Universe as Described in Their Sacred Texts Such as the Torah, Bible, and Quran

In all Abrahamic religions, God is recognized as the sole creator of the universe, and the concept of creation from nothingness is central. The stages of creation in some narratives, like the Torah and the Bible, mention six days for the creation of the universe. On the first day, light is created. On the second day, the sky is separated from the waters. On the third day, dry land and seas form, and plants are created. On the fourth day, the sun, moon, and stars are created. On the fifth day, birds and fish are created. On the sixth day, land animals and humans are created.

Similarly, in the Quran, the creation of the universe is mentioned in Surah Al-Hadid, Ayah 4:

"He it is Who created the heavens and the earth in six Days; then He mounted the Throne. He knows what goes down into the earth and what comes out of it, and what descends from the sky and what ascends therein. And He is with you wherever you may be. And Allah is Seer of what you do".

And in Surah Yunus, Ayah 3:

"Indeed, your Lord is Allah, who created the heavens and the earth in six Days and then established Himself above the Throne, managing the affair; no intercessor can plead with Him except after His permission. That is Allah, your Lord, so worship Him. Then will you not remember"?

Other verses in the Quran also refer to the creation of mountains, trees, and provisions by God on Earth. It is important to note that the Abrahamic religions do not provide a precise date for the appearance of Adam on Earth. Some Quranic interpretations estimate the antiquity of humanity to tens of thousands of years.

Some Jewish interpreters, based on generations mentioned in the Torah, estimate the age of the Earth and humanity to be around 6000 years. It is crucial to understand that the antiquity mentioned in religious texts does not necessarily align with scientific and archaeological findings.

Scientific, scholarly, and archaeological evidence indicates that the age and history of humans on Earth are far older than the figures mentioned in religious texts. Based on scientific and philosophical estimates, the age and history of modern humans extend back to approximately 200,000 to 300,000 years.

The interpretation and understanding of creation narratives in religions, especially in the Abrahamic faiths, have always been subject to debate and discussion in light of scientific advancements and human knowledge. Some believe that the creation narratives have symbolic and spiritual significance and should not be interpreted literally.