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VEDIC & PURANIC CONCEPT OF TIME

**Definitions Of Yuga, Kalpa,
Manvantara, And Brahma's Day &
Brahma' Life, As Well As Our Relative
Position in Time in the Universe
Contrasted With Modern Scientific Theory**

*Presented by
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REFERENCE SOURCES

(1) For Vedic & Puranic Concepts:

Rigveda, Brihadaranyaka, Aitareya & Isa Upanishads, Shrimadbhagavata Purana, Vishnu Purana, Mahabharat, and Surya Siddhanta.

(2) For Modern Scientific Theory:

The Leading Scientific Journals—Nature, Science, Proceedings of National Academy of Sciences, and Scientific American.

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DESCRIPTION & DURATION OF YUGAS

The time is divided into 4 Yugas as follows:

(1) Satya Yuga (also called Krita Yuga):

Duration: 1,728,000 (1 Million 728 Thousand) Human Years.

Qualities & Characteristics: Known As The Golden Age or The Age of Truth. Supreme Virtue reigns everywhere.

Human Stature: 21 cubits (~30 ft height).

Lifespan: 100,000 (1 Hundred Thousand) years, and death occurs only when desired.

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DESCRIPTION AND DURATION OF YUGAS (Contd.)

(2) Treta Yuga:

Duration: 1,296,000 (1 Million 296 Thousand) Human Years.

Qualities & Characteristics: Known As the Silver Age.
Three quarters (75%) virtue and one quarter (25%) sin.

Human Stature: 14 cubits (~20 ft height).

Lifespan: 10,000 (Ten Thousand) years.

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DESCRIPTION AND DURATION OF TIME (Contd.)

(3) Dvapara Yuga:

Duration: 864,000 Human Years.

Qualities & Characteristics: Known as the Bronze Age.
One half (50%) virtue and one half (50%) sin.

Human Stature: 10 cubits (~14 ft height).

Lifespan: 1,000 years.

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DESCRIPTION AND DURATION OF TIME (Contd.)

(4) Kali Yuga:

Duration: 432,000 Human Years.

Qualities & Characteristics: Known as the Iron Age. One quarter (25%) virtue and three quarters (75%) sin.

Human Stature: 3.5 cubits (~5 ft ht).

Lifespan: 100-120 yrs.

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DEFINITIONS OF MAHAYUGA & KALPA

1 Maha Yuga = Sum Total of 4 Yugas =

$$1,728,000 + 1,296,000 + 864,000 + 432,000 = 4,320,000 =$$

4.32 Million Human Years

1 Kalpa = 1000 Maha Yugas =

$$4.32 \text{ Million} \times 1000 =$$

4.32 Billion Human Years

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BRAHMA'S DAY & BRAHMA'S YEAR

Half a Day of Brahma (Day Time Only) = 1 Kalpa =
4.32 Billion Human Years

1 Full Day of Brahma (including Day + Night) =

2 Kalpas = 2×4.32 Billion Human Years =

8.64 Billion Human Years

1 Brahma Year =

8.64 Billion \times 360 Days = 3,110,400,000

(3 Trillion 110 Billion 400 Million Human Years)

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BRAHMA'S LIFE & BRAHMA'S AGE

The Life Time of Brahma = 100 Brahma Years

$$= 100 \times 3,110,400,000 = 311,040,000,000,000$$

(311 Trillion, 40 Billion Human Years)

Brahma's Age: Our Current Brahma is 50 Years Old

$$= 0.5 \times 311,040,000,000,000 =$$

$$155,520,000,000,000$$

(155 Trillion, 520 Billion Human Years)

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OUR RELATIVE POSITION IN TIME

- We are in the 51st Brahma Year of 100 Brahma Years.
- We are in the 1st Brahma Day of the 51st Brahma Year, which is called the Varaha Kalpa.
- We are in the 7th Manvantara of 1st Brahma Day
- We are in the 28th Maha Yuga of 7th Manvantara.

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OUR RELATIVE POSITION IN TIME (Contd.)

- We are in the 454th Maha Yuga of the 1,000 Maha Yugas that comprise half a day of Brahma
- We are in Kali Yuga of the 454th Maha Yuga
- We are in the 5117th Year of Kali Yuga

This means that we are fairly early in Kali Yuga, and

- 426,883 Years More to Go before the end of Kaliyuga
of the 454th Maha Yuga of Brahma's 1st day in his 51st year

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CONTRAST BETWEEN VEDIC & SCIENTIFIC CONCEPTS ABOUT TIME & CREATION OF UNIVERSE

Vedic Concept: Time is Cyclical in Nature

which means all things that exist (except the Brahman), are repeated and recycled forever.

Scientific Concept: Time is Linear in Nature

which means the universe started with a “big bang” and the time goes forward in a straight line until the collapse of the “big bang” universe brings everything to a close.

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CONSISTENCY BETWEEN VEDIC & SCIENTIFIC PREDICTIONS ABOUT WHEN THE LIFE ON EARTH WILL END

Vedic Assumptions & Predictions:

- (1) Brahma Goes to Sleep After Completing Each Half a Day = 1 Kalpa
= 1000 Maha Yugas = 4.32 Billion Human Years
- (2) We are on the 454th Mahayuga of 1st Day of Brahma's Year 51
- (3) Each Maha Yuga = 4.32 Million Human Years
- (4) Number of Years To Be Completed in the 1st Day of
Brahma's Yr 51 = $4.32 \times (1000 - 454) - 0.427 = 2.36$ Billion Human Yrs

**Therefore, after 2.36 Billion Years, which will complete 1 Kalpa,
there will be no life on earth since Brahma will go to sleep.**

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CONSISTENCY BETWEEN VEDIC & SCIENTIFIC PREDICTIONS ABOUT WHEN THE LIFE ON EARTH WILL END

Scientific Theory & Predictions:

- (1) Earth & Sun are each 4.5 Billion Years Old.
- (2) The Life on Earth is totally dependent on Sun, so when the Sun vanishes, so does life on earth.
- (3) The Sun will start losing energy when the hydrogen fuel in the core of the sun, essential for the fusion process, becomes scarce in about 2.5 - 3 billion years, will expand and initially engulf 3 nearest planets, including Mercury, Venus and Earth.

Therefore, Earth Becomes Uninhabitable in 2.5-3 Billion Years

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UNCERTAINTY IN SCIENTIFIC PREDICTIONS WHILE VEDAS FIRMLY DECLARE WHEN THE CURRENT UNIVERSE WILL COME TO AN END

Scientific Predictions:

No Answer as to When the Current Universe Will Come to an End.
Science simply says that the Universe is continually expanding.

Vedic Predictions:

Our Current Brahma is 50 Years Old (155.5 Trillion Human Years)
In another 155.5 Trillion Years, after reaching his 100th year of life,
Brahma ceases to exist, and so does the current Universe. A new
universe and new Brahma will come along.

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THE END

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