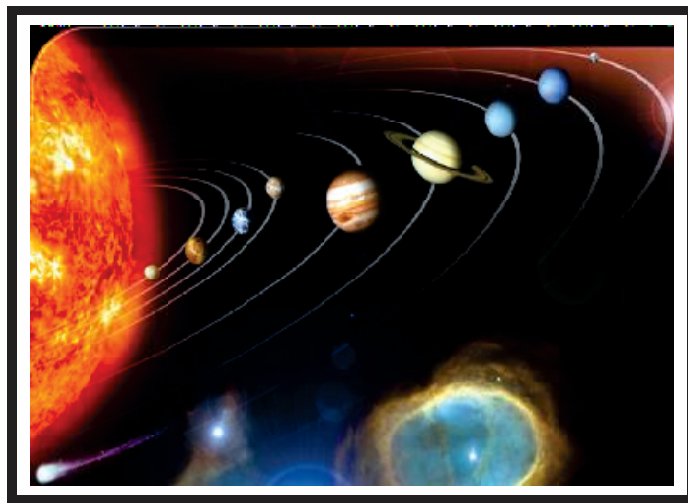


TAWAAF

Circumambulating The Ka'abah

**Blood Circulation in the Human Body, the Earth,
the Moon, the Stars, and All Objects in the Universe
Rotate in an Anti-Clockwise Manner Glorifying
Allah Exactly as Muslims do while Performing
The Tawaaf at The Ka'abah in Mecca!**



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**Ramadhan 1437 Hijrah
(July 2016 AD)**

I received a one page email message from His Eminence the Sultan of Sokoto, Alhaji Muhammad Sa'ad Abubakar CFR, mni, showing the wonderful relationship between the Muslim Tawaaf at the Holy Ka'aba in Mecca and the rotation of some objects in the Universe; with both being done in an anti-clockwise manner. I was fascinated with the information and therefore decided to research on it.

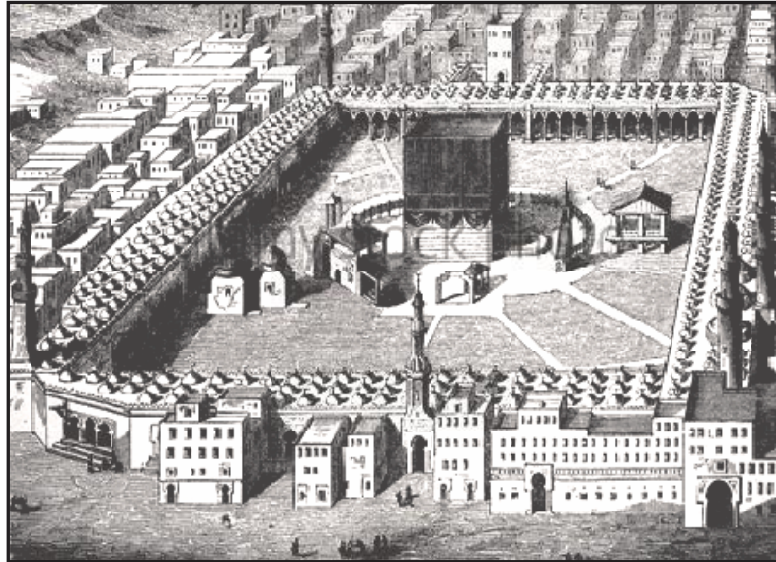
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Science has proven that the entire Universe, from the atom to the galaxies, is in constant anti-clockwise circular rotation like a circumambulator who encircles the Ka'aba in an anti-clockwise direction.

It is also interesting that some human activities throughout the World follow this phenomenon; like the athletes who go round the field anti-clockwise!

These and other wonderful findings are contained in this Booklet, which is aimed at enlightening people on the wonders of Islam that are unfolding by the day and are further proving the divinity of Allah's Message that was delivered by Prophet Muhammad (SAW).

THE HOLY KA'ABA HISTORICAL



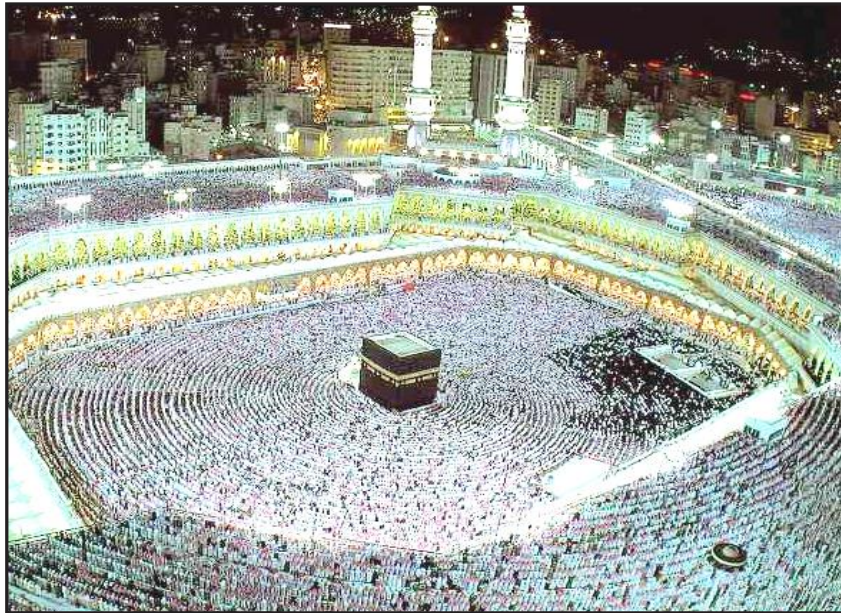
Drawing of the Ka'aba in 1870 AD

Source: www.alamy.com

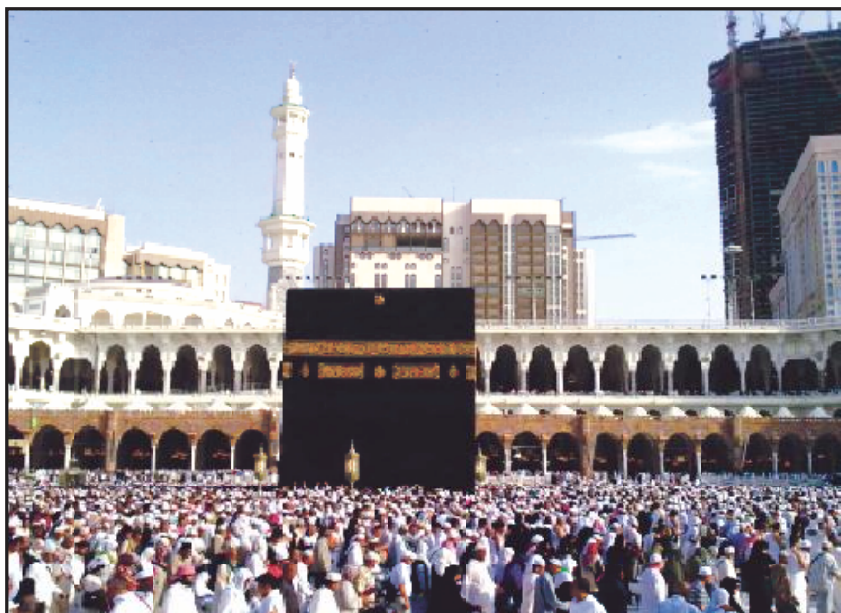


The Ka'aba in 1954, from the archives of the Author's father who performed Hajj that year

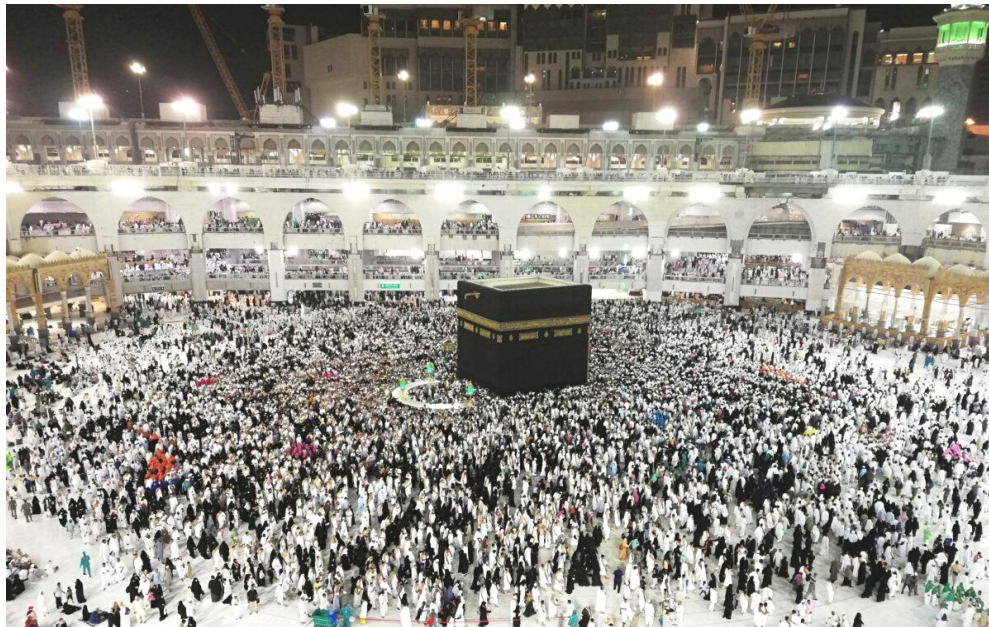
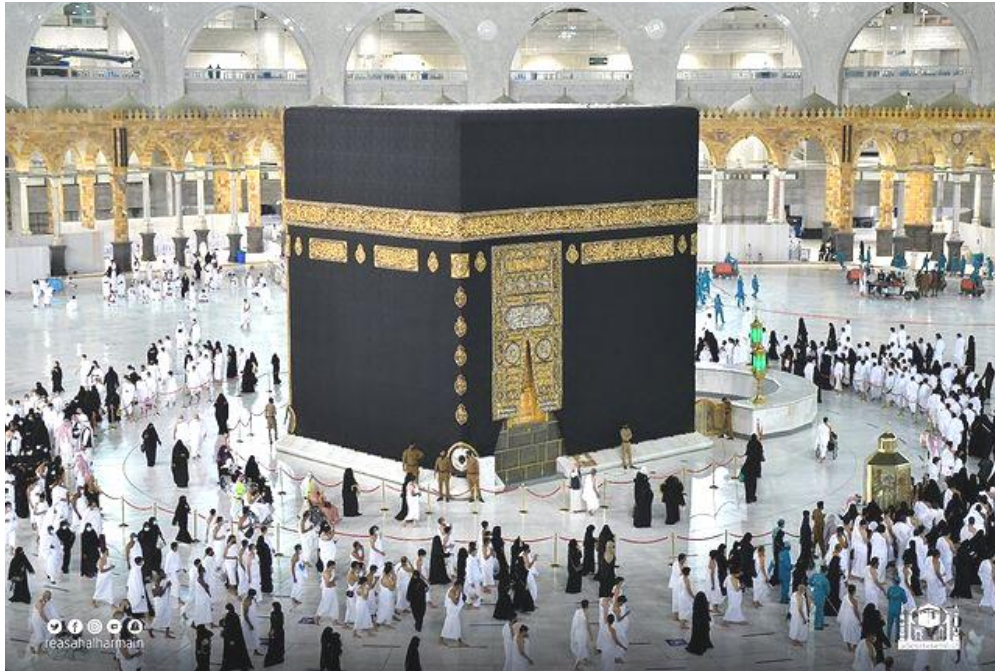
THE HOLY KA'ABA TODAY

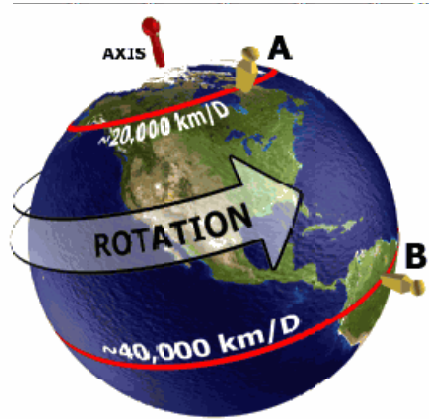


The Holy Ka'aba during Praying time (Top)
The Holy Ka'aba during Tawaaf time (Bottom)



THE HOLY KA'ABA DURING TAWAAF TIME





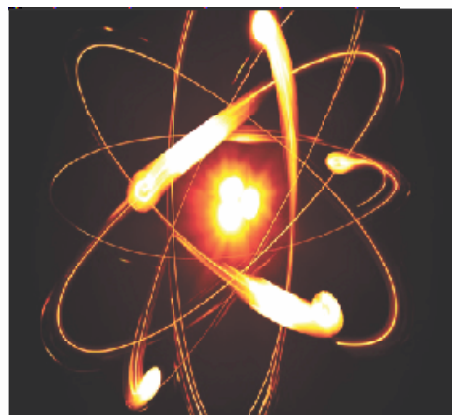
The Earth's anti-clockwise rotation on its axis.

Source: www.scienceblogs.com



Sperm tails (flagella) in an anti-clockwise motion.

Source: www.newsworldindia.in

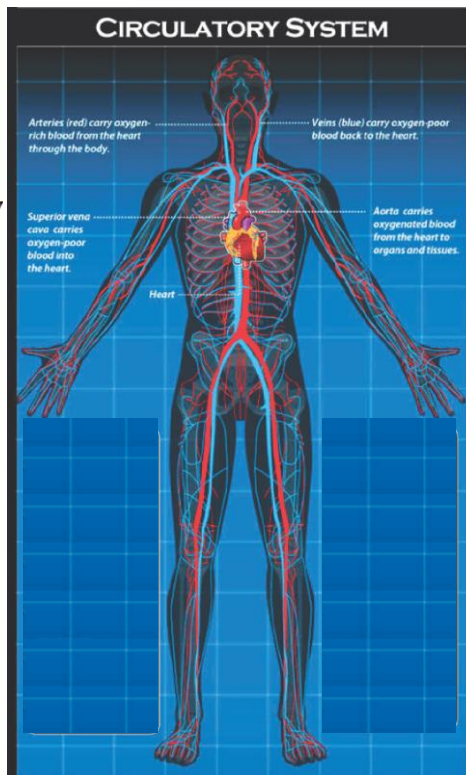
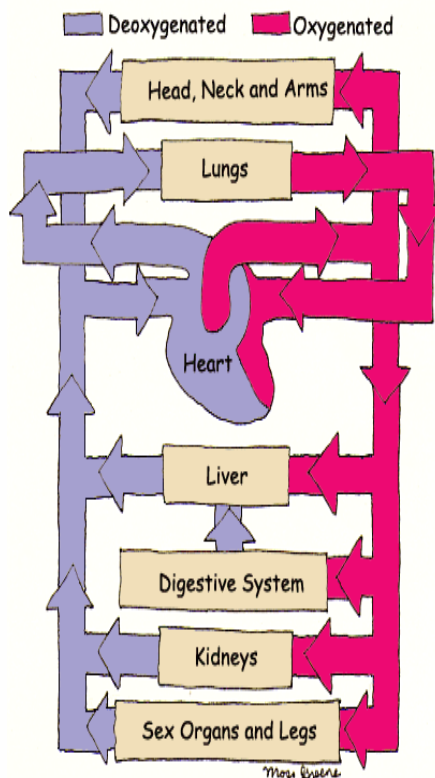


Electrons orbiting an Atom in an anti-clockwise motion.

Source: www.metempyrion.org

Sketch of the Blood Circulatory System

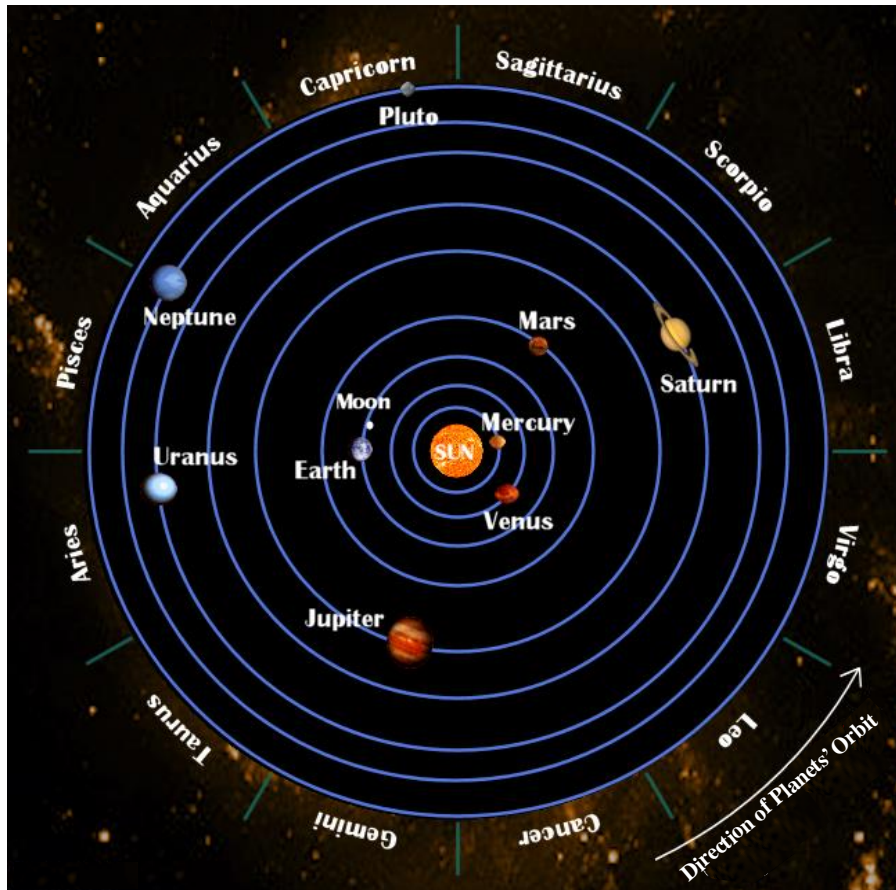
Source: www.sihatselalu.com



The blood in the Human Body circulates from the heart to the rest of the body in an anti-clockwise manner, resembling the Tawaaf.

Planets orbiting the Sun in an anti-clockwise direction

Source: www.metempyrion.org



All objects in the Universe:- atoms, Earth, Moon, Stars, Mercury, Jupiter, Venus, Saturn, Mars, Libra, Virgo, electrical current, galaxies, etc., are rotating in the same way-anti-clockwise.

**ATHLETES CIRCULATING THE FIELD
IN AN ANTI-CLOCKWISE DIRECTION**



TAWAAF

Circumambulating The Ka'aba

Blood Circulation In The Human Body, The Earth, The Moon, The Stars, And All Objects In The Universe Rotate In An Anti-Clockwise Manner Glorifying Allah Exactly As The Muslims Do While Performing The Tawaaf At The Holy Ka'abah In Mecca, Saudi Arabia!

By

**Professor Sani Abubakar Lugga, MFR
The Waziri of Katsina**

NOTES ON ABBREVIATIONS USED

- | | |
|---------|--|
| (SWT) | <i>Subhanahu wa Ta'ala</i> - Pure and Most High be He - used for Allah |
| (SAW) | <i>Sallallahu Alaihi Wasallam</i> - Peace and Blessings of Allah be upon him - used for Prophet Muhammad |
| (AS) | <i>Alaihis Salaam</i> - Peace be upon him - used for other Prophets |
| (RLA) | <i>Radhiyal Lahu Anhu</i> or <i>Anha</i> - May Allah be pleased with him or with her - used for Communions of Prophets |
| CE - AD | Christian Era (Anno Domino - AD) |
| AH - | After Hijrah (Muslim Calender) |

**Jumada Thani, 1442 Hijrah
January 2021**

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

الْحَمْدُ لِلَّهِ نَحْمَدُهُ وَنَسْتَعِينُهُ وَنَسْتَغْفِرُهُ وَنَعُوذُ بِاللَّهِ مِنْ شُرُورِ أَنْفُسِنَا
وَمِنْ سَيِّئَاتِ أَعْمَالِنَا مَنْ يَهْدِهِ اللَّهُ فَلَا ضَلَلَّ لَهُ وَمَنْ يَضِلَّ فَلَا هَادِيَ لَهُ
وَأَشْهَدُ أَنْ لَا إِلَهَ إِلَّا اللَّهُ وَحْدَهُ لَا شَرِيكَ لَهُ وَأَنَّ مُحَمَّدًا
صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ عَبْدُهُ وَرَسُولُهُ

THE MIRACLES OF THE TAWAAF

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These and other wonderful findings are contained in this Booklet, which is aimed at enlightening people on the wonders of Islam that are unfolding by the day and are further proving the divinity of Allah's Message that was delivered by Prophet Muhammad (SAW).

THE HOLY KA'ABA

The **Holy Ka'aba** is a building at the centre of Islam's most Holy Mosque, the "al-Masjid al-Haram" (the Sacred Mosque) in Mecca, Saudi Arabia. The Ka'aba and the sanctuary around it is the holiest Muslim site in the World. One of the Five Pillars of Islam requires Muslims who are able and have the means to do so, to perform the Hajj (pilgrimage) to Mecca at least once in their lifetime. Part of the Hajj ritual requires pilgrims to make the Tawaaf (circumambulation) seven times around the Ka'aba in a counter-clockwise direction. Tawaaf is also performed by pilgrims during the Umrah (lesser pilgrimage). Another very important function of the Holy Ka'aba is its unification of the Muslim World, whereas Muslims from all over the World face the direction of the Ka'aba during prayers and this direction is called the "Qibla".

THE EARLY ERA OF THE KA'ABA

The Glorious Qur'an contains several Verses regarding the origin of the Ka'aba, in which it states that the Ka'aba was the first House for the Worship of One God - Allah (SWT), and that it was built (or re-built) by Prophet (Abraham) Ibrahim (AS) and his son (Ishmael) Ismail (AS) on the directives of Allah (SWT). Allah states that,

إِنَّ أَوَّلَ بَيْتٍ وُضِعَ لِلنَّاسِ لَلَّذِي بِبَكَّةَ مُبَارَكًا وَهُدًى لِّلْعَالَمِينَ ﴿٩٦﴾

Verily, the first House (of worship) appointed for mankind was that at Bakkah (Mecca), full of blessing, and guidance for mankind. (Qur'an, Ali Imran 3:96)

وَإِذْ بَوَّأْنَا لِإِبْرَاهِيمَ مَكَانَ الْبَيْتِ أَن لَّا تُشْرِكْ بِي شَيْئًا وَطَهِّرْ بَيْتِيَ
لِلطَّائِفِينَ وَالْقَائِمِينَ وَالرُّكَّعِ السُّجُودِ ﴿١٢٥﴾ وَأَذِّنْ فِي النَّاسِ
بِالْحَجِّ يَأْتُوكَ رِجَالًا وَعَلَى كُلِّ ضَامِرٍ يَأْتِينَ مِنْ كُلِّ فَجٍّ عَمِيقٍ

And behold! We (Allah) gave the site, to Ibrahim, of the (Sacred) House, (saying): "Associate not anything (in worship) with Me (Allah); and sanctify My House for those who circumambulate it, or stand up, or bow, or prostrate themselves (therein in prayer)". And proclaim to mankind the Hajj (pilgrimage). They will come to you on foot and on

every lean camel; coming from every distant, remote path (to perform the Hajj). (Qur'an, al-Hajj, 22:26-27).

وَاِذْ يَرْفَعُ اِبْرٰهٖمُ الْقَوَاعِدَ مِنَ الْبَيْتِ وَاِسْمَاعِيْلُ رَبَّنَا تَقَبَّلْ مِنَّا

اِنَّكَ اَنْتَ السَّمِيعُ الْعَلِيْمُ

And behold, Ibrahim and Ismail raised the foundations of the (Sacred) House (with this prayer): “Our Lord! Accept (this service) from us: For Thou art the All-Hearing, the All-knowing”. (Qur'an, Al Baqara 2:127)

In his commentary of the above Verses of the Qur'an, Sheikh Ibn Kathir, the famous commentator on the Quran, mentions that the Ka'aba was a place of worship for Angels (who circumambulate it, in an anti-clockwise manner) before the creation of man. Later, a House of Allah was built on the location by Prophet Adam (AS) which was lost during the flood in the time of Prophet (Noah) Nuh (AS). It was finally rebuilt by Prophet Ibrahim (AS) and his son Ismail (AS) on Allah's instructions as mentioned in the Quran. When Ibrahim (AS) was building (or rebuilding) the Ka'aba, an Angel brought to him the Black Stone (*Hajar al-Aswad*) from Heaven, which he placed in the eastern corner of the structure. Another stone currently in the vicinity of the Ka'aba is the *Maqam-Ibrahim* (literally meaning “the Station or the Stand of Ibrahim”) where Ibrahim (AS) stood for elevation while building the

structure. The Black Stone and the Maqam-Ibrahim are believed to be the only remnants of the original structure made by Ibrahim (AS) as, naturally; the remaining structure had to be rebuilt/renovated several times over centuries (or even millennia) for maintenance purposes. After the construction was completed, Allah enjoined the descendants of Ismail (AS) to pray and to perform an annual pilgrimage (the Hajj) at the Ka'aba. The vicinity of the Ka'aba was also made a peace sanctuary where bloodshed and war were forbidden (see Qur'an, 22:26-33 for details).

According to Islamic tradition, over the millennia after Ismail's (AS) death, his progeny and the local tribes who settled around the Ka'aba and within its Oasis of Zam-Zam gradually turned to polytheism and idolatry. About 360 idols were placed within the Ka'aba representing deities of different natures and for different tribes and clans.

THE ERA OF PROPHET MUHAMMAD (SAW)

Ibn Ishaq (2004) narrates that some years before Muhammad (SAW) was ordained as a Prophet by Allah, a serious flood occurred in Mecca, which destroyed the Ka'aba and necessitated its rebuilding. The responsibility for the rebuilding was shared among the progenies of Prophet Ismail (AS) who made up the Quraish Tribe's four Clans. Muhammad (SAW) belongs to this noble tribe therefore he helped with the reconstruction.

This reconstruction did not cover the entire foundation of the Ka'aba as built by Prophet Ibrahim (AS). Therefore, that marked the first time the Ka'aba acquired the cubical shape it has today, unlike the rectangular shape with one end curved, which it had earlier. The curved portion of the Ka'aba that was left out is called the "Hateem" and is currently marked out with a dwarf wall.

In the month of Ramadhan 8 Hijrah (December 629 AD), Muslims conquered Mecca and the first action of Prophet Muhammad (SAW) was to remove idols and images of pettish gods from the Ka'aba. Bukhari reported that, Abdullah (RLA) said that, when the Prophet (SAW) entered Mecca on the day of the Conquest, there were 360 idols in and around the Ka'aba. The Prophet started striking them with a stick he had in his hand and was saying,

وَقُلْ جَاءَ الْحَقُّ وَزَهَقَ الْبَاطِلُ إِنَّ الْبَاطِلَ كَانَ زَهُوقًا ﴿٨١﴾

Say: Truth (Islam) has come and Falsehood (idolatry) has vanished; Surely, Falsehood is ever bound to vanish. (Qur'an, Al-Israa 17:81)

That conquest reinstated the sanctity and holiness of Mecca and that of the Ka'aba and its sanctuary, the "al-Masjid al-Haram". The Hajj was reinstituted as it was millennia ago during the times of Prophets Ibrahim (AS) and Ismail (AS).

Prophet Muhammad (SAW) performed Umrah in 629 AD, followed by the Hajj in 632 AD; which was called the "Farewell Pilgrimage" as he prophesied his impending death at that farewell Hajj and he died the following year, in 633 AD. The Ka'aba has been repaired and reconstructed many times after Muhammad's (SAW) days. After the heavy rains and flooding in 1629 AD, the walls of the Ka'aba collapsed. The same year, during the reign of the Ottoman Emperor Murad IV, the Ka'aba was rebuilt with granite stones and the whole sanctuary area was renovated. The appearance of the Ka'aba has not changed since then.

TAWAAF – CIRCUMAMBULATING THE HOLY KA'ABAH

Tawaaf is one of the rituals of the Hajj (pilgrimage) and the Umrah (lesser pilgrimage), during which Muslims are required to circumambulate the Ka'aba seven times, in an anti-clockwise direction. They begin from the point of the Black Stone and end there.

During the circumambulation, Muslims remain resolute in their Faith and pray a lot to their Lord, Allah (SWT) whose command they have come to honour.

At the end of the circling, Muslims go to the Station of Ibrahim to pray and then drink water from the sacred Well of Zam-Zam that is located some few meters from the Ka'aba.

They then proceed to the next ritual of the Hajj/Umrah, the “Sa'ayee”, which is walking between the two small hills of Safa and Marwa, located some few meters from the Zam-Zam Well.

It should be noted that the Tawaaf is a compulsory part of the rites of Hajj and Umrah, but it is also encouraged to be performed at all times a Muslim is opportuned to be at Mecca. As Tawaaf can only be performed at the Holy Ka'aba and nowhere else in the whole World, Muslims are

strongly enjoined to perform it as many times as they could, as long as they are in Mecca.

Perhaps the most interesting Tawaaf times are during the Hajj, when millions of pilgrims gather to circle the Ka'aba on the same day as part of the Hajj rituals. Last year alone (1436 Hijrah, 2015 AD); more than two million Muslims from over 200 Countries performed the Hajj.

SCIENTIFIC FACTS CONCERNING THE TAWAAF

Tawaaf was instituted by Allah (SWT) several millennia ago during the times of Prophets Ibrahim (AS) and Ismail (AS). Tawaaf was firmly reinstituted over 1,400 years ago with the conquest of Mecca and ridding it of idolatry by Prophet Muhammad (SAW) and the first generation of Muslims.

The Tawaaf is performed by circling around the Holy Ka'aba in an **anti-clockwise** direction as an act of glorifying Allah (SWT). But glorifying Allah in this manner, i.e. by circling or revolving in an **anti-clockwise** direction is not being undertaken by Mankind alone, no, Allah says,

يُسَبِّحُ لِلَّهِ مَا فِي السَّمَوَاتِ وَمَا فِي الْأَرْضِ لَهُ الْمُلْكُ وَلَهُ الْحَمْدُ
وَهُوَ عَلَى كُلِّ شَيْءٍ قَدِيرٌ

Whatsoever is in the Heavens and whatsoever is on the Earth glorifies Allah. His is the Dominion, and to Him belongs all the praises and thanks, and He is able to do all things. (Qur'an, At Taghabun 64:1-2).

Most interestingly, it is very much gratifying that, “Whatsoever is in the Heavens and on the Earth glorify

Allah in the anti-clockwise way Muslims perform the Tawaaf!” Here are the Scientific facts:-

The blood in the Human Body glorifies Allah (SWT) by circulating from the heart to the rest of the body in an anti-clockwise manner, resembling the Tawaaf.

The ovum, prior to fertilisation taking place, surrounded by sperms, turns remarkably in an anti-clockwise motion, thereby resembling the Tawaaf.

The electrons of an atom revolve around its nucleus in the same manner as making Tawaaf around the Ka’aba, in an anti-clockwise direction.

All objects in the Universe, atoms, the moon, the stars, electrical current, galaxies, etc., are rotating in the same way - **anti-clockwise**.

Even the planet Earth rotates on its own axis in 24 hours culminating in the day and the night. The various seasons of the year are due to the Earth’s simultaneous revolution around the sun in 365 days. It is astonishing to note that the Earth, in its movements, also rotates **anti-clockwise**.

Science has recently proven that the entire Universe (from the atom to the galaxies), is in constant **anti-clockwise** circular rotation like a circumambulator who encircles the Ka’aba in the **anti-clockwise** direction. But this was stated by Allah (SWT) over 1,400 years ago in the Qur’an as follows:-

وَهُوَ الَّذِي خَلَقَ اللَّيْلَ وَالنَّهَارَ وَالشَّمْسَ وَالْقَمَرَ^ص كُلٌّ فِي
فَلَكَ يَسْبَحُونَ

And it is He (Allah) Who created the night and the day, and the sun and the moon, each in an orbit floating. (Qur'an, Al-Anbiya 21: 33)

This Verse refers to a scientific fact concerning the system of the Universe. Scientific discoveries have proven that humans live in a huge Universe that depends on revolution.

The earth revolves round the sun once a year. The moon revolves round the earth once per lunar month. The other planets of the solar system also revolve round the sun, each in its own orbit.

Besides, most of these planets have moons that revolve around them, each, also in their own orbits. Astronomers have so far discovered more than 60 moons. The solar system orbits a centre of the galaxy, the “Milky Way”. This galaxy consists of more than 130 billion stars.

Galaxies, in turn, revolve round a centre that is so far only in the knowledge of Almighty Allah. However, all these objects in the Universe revolve around the sun in an **anti-clockwise** manner, just like the way the circumambulation of the Ka’aba is done.

The law of revolution also applies to atoms, the smallest units of elements that cannot be seen even by the most powerful microscopes. An atom is composed of a nucleus whose diameter is less than a millionth of a millimetre that is surrounded by electrons that move round the atom in an orbit. Since all matter in the Universe - whether solid, liquid, or gaseous, consist of atoms, this means that the Law of Revolution applies to everything:- stars, planets, the moon, plants, sand, seas, air, animals, humans, etc.

Of important note is the fact that, there is a common factor between the orbital movements of all the objects in the Universe and Muslims circumambulating the Holy Ka'aba, that is the **anti-clockwise** direction of both; leading to the realisation that revolution is a Cosmic Law.

A Muslim Pilgrim circumambulates the Ka'aba anti-clockwise as if he or she is a celestial body orbiting another greater celestial body. This shows that there is a joint-factor between a Muslim pilgrim's circumambulating the Ka'aba and the Cosmic Laws of revolution discussed above. This also shows that there is consistency between the obligations of worship in Islam and the Natural Laws that govern the Universe, which shows that they all originated from the same source, that is, from Almighty Allah.

The whole Universe ranging from the invisible particles to the planets and galaxies circumambulate. Man, being

a part of the Universe, should circumambulate, too. While the planets circumambulate in a compulsory way according to the Cosmic Laws of Allah, man circumambulates the House of Allah, the Ka'aba, through the TAWAAF! Most significantly, all these circumambulations occur in an anti-clockwise manner!

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