

## The Math Miracle: Word Patterns & 19

Since the 19-based mathematical miracle of the Quran was revealed to the world, skeptics have dismissed it as a *coincidence* that could easily be replicated. They argued against the math miracle claiming they could just as easily write a book, and when completed, calculate on their computer how many of the specially selected letters (H.M. A.L.M. etc.) are still required to achieve a sum that is divisible by 19. From there, simply write another sentence to fulfill the divisibility by 19 requirement. At first glance, their argument may appear formidable to those unfamiliar with the Quran's mathematical miracle. Whereas, those who have investigated the math miracle thoroughly know this is an erroneous claim that incorrectly assumes:

- Quranic initial frequencies are not fixed, but malleable to any sum divisible by 19.
- Unrestricted, arbitrary usage of any and all words in any frequency - no limitations.
- No fixed phrases or statements (e.g. quotations, names).

They maintain this intellectual dishonesty because they know if they were to attempt to write a mathematically structured book, the literary quality would rapidly diminish to a state of unintelligible *gibberish* as the number of mathematical conditions increases.

We have known for years, via the **Ha Meem** initialled suras (40-46), that initial frequencies are not random, but rather specific multiples of 19. However, what was not known until recently was whether there was any word usage restrictions related to the 19-based math structure as well. In 2013, I was amazed at the symmetry of specific word repetition in the Arabic Quran, for examples:

- **يَوْمَ** 'Day' in Arabic is mentioned 365 times in the Quran and there are 365 day in a solar year.
- **أَيَّامًا** 'Days' in Arabic is mentioned 30 times in the Quran and there are 30 days in a month.
- **الشَّهْرَ** 'Month' in Arabic is mentioned 12 times and there are 12 months in a year.
- **قُلْنَا** 'Say' and **قَالُوا** 'They Said' are both mentioned 332 times each
- **الدُّنْيَا** 'this life' and **الْآخِرَةَ** 'next life' are both mentioned 115 times each
- **الشَّيْطَانَ** 'Satan' and **الْمَلَائِكِينَ** 'angels' both mentioned 88 times each
- **النُّورِ** 'light', **الظُّلْمِ** 'shadow', and **وَالشَّمْسِ** 'sun' all mentioned 33 times each
- **لِنَبِيِّ** 'prophet' and **أَنْبِئُهُمْ** 'information' are both mentioned 80 times each.
- **الْحَرْثَ** 'plant', **وَرَزَعًا** 'grow', and **فَاكِهَةً** 'fruit' all mentioned 14 times each
- The total frequency of all 6 Arabic words describing the stages of embryonic development is 65. The **الْإِنْسَانَ** 'human' is also mentioned 65 times.
- The 4 words of the Bismillah are mentioned 2888 times (19x19x8)

This is just a small sample. There are *many more* words structured in the Quran in this profound way. What is important is they must be in the Quran in these specific frequencies. No more, no less. They are fixed. Furthermore, many of these patterned words contain Quranic initial letters in their spelling and are present in the 29 Quranic initialled suras. Thus, a portion of the initial letters are already assigned to these fixed, special words thereby anchoring them to that sura. This greatly complicates the challenge upon the disbelievers to write a book like the Quran. Here are few example:

- Sura 40-46 are H.M. initialled suras. Their frequency is 2,147 (19 x 113). 19 is the only factor making 2147 a fixed frequency of H.M. letters.
- The word **يَوْمَ** 'Day' is mentioned 365 times in the Quran and there is 365 days in a solar year. Therefore, this word has a fixed frequency in the Quran.
- 'Day' in Arabic contains the Arabic letter '**Meem**' (**يَوْمَ**). There are a total of 40 'Day' words in the **Ha Meem** initialled suras. Therefore, 40 '**Meem**' letters are already assigned to this word anchoring 40 out of 365 to the **Ha Meem** suras.

This is one example using just one patterned word in the Quran - 'Day' in one set of Quranic initials (H.M.). So far, I have counted just under 2,000 of these patterned Arabic words containing over 4,500 initialled letters which are anchored to initialled suras.

In addition to patterned words, there are names and quotation of historical accounts and, therefore, are fixed statements that cannot be altered or removed, for example:

- [18:98] He said, "This is mercy from my Lord. When the prophecy of my Lord comes to pass, He will cause the dam to crumble. The prophecy of my Lord is truth."
- [5:22] They said, "O Moses, there are powerful people in it, and we will not enter it, unless they get out of it. If they get out, we are entering."

There are 332 'Qul' (say) and 332 'Qalu' (they said) for a total of 664 historical quotations that often span more than a single verse. These statements are unchangeable. Otherwise, they will not be accurate history but fabricated stories. Like the patterned words, some of the Quranic initials are allocated for these statements, anchoring them to those suras.

GOD's challenge to the disbelievers to replicate the Quran has increased exponentially in complexity with the addition of fixed patterned words, names, and historical quotations. Instead of simply writing anything they wish until the letters frequencies are divisible by 19, now there are specific words that must be used a specific number of times. Once the limit has been reached these words cannot be used again. Imagine a piece of paper with a variety of different words, phrases, and sentences scattered across the page and you have to fill in the surrounding text so that it makes literary sense while maintaining a specified frequency of letters **A**, **E**, and **M** (see illustration below).

Say,	a	e	a	e	Allah	a	m	a	e	Seeking refuge	m	a
e	Moon	m	e	m	a	a	m	e	m	a	m	a
m	e	mm	a	a	e	a	a	m				
day	e	a	m	This life	a	Hereafter	a					
a	a	m	e	a	m	a	m					
Tree	a	Plant	a	man	He said,	"This is	mercy from					
my Lord.	When the	prophecy of	my Lord	comes to	pass,	He will	cause the	dam to				
crumble.	The prophecy	of my Lord	is truth."	Day	a	a	e					
Day	e	Days	a	e	m	e	am	Woman	e			
m	e	e	Resurrection	e	m	a	e	a				
e	m	e	a	m	ee	a	e					
a	e	They said	e	a	m	e	e	Allah	e			
e	m	a	e	love	ae	a	e	Angels	m			
a	e	Day	e	a	m	ee	e	Prophet Jesus				
e	m	"O Moses,	this is	Me.	Allah;	Lord of the	universe.	Throw down your				
staff."	a	m	e	Sun	a	a	e	m				

The bottom line is the extra limitation, according to this consideration is this: If one wants to add some words in order to make the number of letters become divisible, he should avoid the words which have specific frequencies which are part of a pattern. Of course, this includes Allah (the most frequent word), Rahman, Rahym. Furthermore, he should also pay attention to the frequencies of all other attributes of God so that they **DO NOT** become multiple of 19.

Praise be to GOD, the challenge to the disbelievers to write a book like the Quran just became significantly more challenging. However, it doesn't end here! Don't miss my article titled "19 Math Miracle - Intended or Coincidence" for another profound math miracle discovery that increases the complexity even more.

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