IJRAR.ORG E-ISSN: 2348-1269, P-ISSN: 2349-5138

INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR) | IJRAR.ORG

An International Open Access, Peer-reviewed, Refereed Journal

MAGIC TABLES

Dr.MANNEM MUNI PRAMODA

DENTIST

DEPARTMENT OF DENTISTRY

DR.NTR UNIVERSITY OF HEALTH SCIENCES, VIJAYAWADA, INDIA

Abstract : The study of mathematical tables with their product of summation is equal to same table number of intiger "55". This leads to magic mathematical tables

***IndexTerms* – mathematical tables, magic number.**

I. MATHEMATICAL FORMULA DERIVATION

MAGIC TABLE

1st table= ε1 to 10=1+2+3+4+5+6+7+8+9+10=55

2ndtable=ε1 to 10=2+4+6+8+10+12+14+16+18+20=110

3rd table=ε1 to 10=3+9+12+15+18+21+24+27+30=165

4th table =ε1to 10=4+8+12+16+20+24+28+32+36+40=220

5th table =ε1to 10=5+10+15+20+25+30+35+40+45+50=275

6th table =ε1 to 10=6+12+18+24+30+36+42+48+54+60=330

7 th table=ε1 to 10=7+14+21+28+35+42+49+56+63+70=385

8 th table=ε1 to 10=8+16+24+32+40+48+56+64+72+80=430

9 th table=ε1 to 10=9+18+27+36+45+54+63+72+81+90=485

10 th table=ε1 to 10=10+20+30+40+50+60+70+80+90+100=550

All the differences of successive integers are ***"55"***

FORMULA:

Total sum of the multiples of the respective mathematical table = n (55)

n=Number of mathematical table

II.conclusion:

Eg.

Multiplication of 20^{th} table:

1100=20(55)

=1100

20+40+60+80+100+120+140+160+180+200=1100