SRINIVASA RAMANUJAN

AND HIS MAGIC SQUARE

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

This square looks like any other normal magic square. But this is formed by great mathematician of our country – Srinivasa Ramanujan.

What is so great in it?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

Sum of numbers of any row is 139.

What is so great in it.?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

Sum of numbers of any column is also 139.

Oh, this will be there in any magic square.

What is so great in it..?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

Sum of numbers of any diagonal is also 139.

Oh, this also will be there in any magic square.

What is so great in it…?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

Sum of corner numbers is also 139.

Interesting?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

Look at these possibilities. Sum of identical coloured boxes is also 139.

Interesting..?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
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Look at these possibilities. Sum of identical coloured boxes is also 139.

Interesting..?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
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19	86	23	11

Look at these central squares.

Interesting...?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
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19	86	23	11

Can you try these combinations?

Interesting.....?

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
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Try these combinations also?

Interesting……?

RAMANUJAN'S MAGIC SQUARE

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NOW LETS FACE THE CLIMAX

RAMANUJAN'S MAGIC SQUARE

22	12	18	87
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Do you know date of birth of Srinivasa Ramanujan?

RAMANUJAN'S MAGIC SQUARE

It is 22nd Dec 1887.

22	12	18	87
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RAMANUJAN'S MAGIC SQUARE

22	12	18	87
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10	24	89	16
19	86	23	11

It is 22nd Dec 1887.

Yes. It is 22.12.1887

BE A PROUD INDIAN