Sheya Panikkusseey 9562 TE Comps A

AI Expt-2

Q.1.

0.2.

what is the relationship between the tac- toe and magic

There is a relation ship between Tic-Tac-Toe and magic square square particularly in the centred of a 3 x 3 magic square. In Tic Tac Toe, players aim to create a line of there of their symbols (X a D) in a row, column andiagonal. A 3x3 magic square is a mathematical construct when the sum of the numbers in each now, column and both main diagonals in the same. In a 3x3 magic square, the numbers in each row, column and both main diagonals in the same. In a 3x3 magic square, the numbers in each row, column and both arranged in agrid. Both Tic Tac-Toe and a 3x3 magic square involve assanging symbols on numbers is a way that statisfies specific exiteria for winning on being considered "magic".

What is a magic square of order n?

A magic square of order n is an assangement of the members from I to no is a square grid of size nxn such that the sum of the numbers in each sow seach column and both main diagonals is the same. This constant sum is known as the "magic constant" of "magic sum". This most well known and studied

each sow, column and diagonal is 15. Magic squares enist for various order but constructing them becomes

increasingly challenging as the order increases.