Quiz

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$1)$ It is a series of microprocessors, developed by American tech giant Intel. The name is originally derived from the Greek word X, meaning 'five', a reference to the prior numeric naming convention of Intel's 80×86 processors.

As of 2017, this processors have little more than their name in common with earlier versions, which were Intel's flagship processor for over a decade until the introduction of the Intel Core line in 2006. Identify this processor.

$2)$ Published by ISI, this magazine has two series. Series A publishes papers in Probability and Mathematical Statistics and appears in February, June, and October. Series B publishes papers in Statistical Methods and Applied Statistics including Quantitative Economics and appears in April, August, and December.

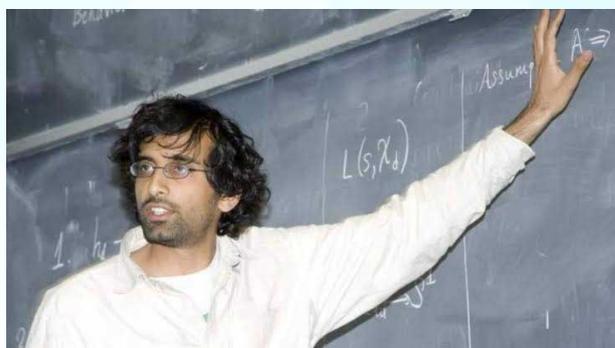Name the magazine whose name literally translates into 'Numbers'.

$3)$ Karl Pearson, who introduced the term in 1891, derived the name from the words 'Historical Diagram'. It is used to denote the graphical representation of the distribution of data. It is also used as an estimate of the probability distribution of a continuous variable (quantitative variable). What am I taking about?

$4)$ Only Australian to have won medals at both International Physics Olympiad and International Mathematics Olympiad.

Awarded the Fields Medal in 2018 for his works on Analytic Number Theory, Homogenous Dynamics, Topology and Representation Theory. The second Australian and the second person of Indian descent to win the Fields medal and have also been a recipient of SASTRA Ramanujan Prize.

Identify the person.

$5)$ Famous mathematician G. H. Hardy came up with a scale of mathematical ability that went

from 0 to 100. He put himself at 25. David Hilbert, the great German mathematician, was at 80. Who did Hardy put at 100?

6) Which German Mathematician is known as the Father of the Set Theory?

David Hilbert once noted: "No one shall expel us from the paradise _____ created."

7) The word _____ first appears in a Latin manuscript (1673) by Leibnitz, who used it in a non-analytical sense. He considered the curve to be an employee and the _____ to be a mathematical job.

According to Chambers' Cyclopedia 1779, the term _____ is used in algebra for an analytical expression any way compounded of a variable quantity and of numbers and constants.

Which word is being talked about?

8) The first census was held in Egypt over 3 millennia ago and in India by Chandragupta Maurya over 2000 years ago. Arthashastra by Kautilya also mentions a system of data collection and calculation based on data. Which field of study in mathematics is thus believed to be as old as organized human civilizations?

9) In 10th Century, it was derived by Al-Karaji in Persia. Yang Hui of China discovered it in the 13th Century and Tartaglia of Italy worked with it in the 16th Century, but the world knows it after a 17th Century French mathematician.

What is being talked about here?

10) This video game was created in 1980s, by Russian computer engineer Alexey Pajitnov for the Electronika 60 computer.

It is primarily composed of a field of play in which pieces of different geometric forms, descend from the top of the field.

Which game?