

05. i. Compare and contrast the contribution made by the ancient Indian Mathematician Bhaskara (about 1150 A.D) and the European Mathematician Lagrange (about 1766) towards solving the Pellian equation $Cx^2 + 1 = y^2$ where x, y are integers, $xy \neq 0$ and C is a given non-square integer.
- ii. Explain briefly the contributions made by the following Indian and Persian Mathematicians
- a) Aryabhatta (06th Century)
 - b) Brahmagupta (07th Century)
 - c) Al-Khowarizmi (09th Century)

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