On some festivals like Shivratri the triyodashi thithi starts during the midnight of Dwadashi and also when the thithi touches the two cusps known as sandyas then the festival must be celebrated for two consecutive days.

TRIYODASHI STARTED

Triyodashi thithi up to midnight of 4.4.2011

This moon thithi has touched some portion of previous day & has also touched two sandyas of sun rise & sun set. By this law the festival of Shivratri is celebrated on previous day also i.e. Dwadashi & Triyodashi.

PREVIOUS DAY ∫ DWADASHI

Sun rise - 6.00
4.4.2011

Sun set - 6.00 PM
4.4.2011

Sun rise
5.4.2011
When moon sets after the Sun set time, it is known as Pravishth or PUR

With the moon setting even before Sun Set, the Thithi is Known as Devaday

Since no Sun rise has occurred during the lunar day, this lunar day is said to be lost & is termed as Treha

Two sun rises have occurred during a single thithi, hence the thithi will be observed for two solar day and is termed as Trisupra

A DAY OF Moon is Known as Thithi & Varies from 22 HRS. To 26 hrs.

A Complete solar day from one Sun rise to other is known as VARA