

1. Vernal Equinox

Why in News?

- Recently, The vernal equinox has observed on March 21st 2023.

Highlights

- Equinox happens twice a year when the sun is directly above the equator, and it occurs on approximately 21st March and 23rd September.
- During an equinox, both the Northern and Southern Hemispheres have equal day and night time.
- The vernal equinox (spring equinox) takes place in the Northern Hemisphere around 20th or 21st March, while in the Southern Hemisphere, it happens on 22nd or 23rd September.
- Conversely, during the autumn season in the Northern Hemisphere on 23rd September (autumn equinox), it is springtime in the Southern Hemisphere, and on 21st March, it is the opposite
- As a result, the Sun is located directly above the equator, and both hemispheres receive an almost equal amount of sunlight.
- After the spring equinox, the northern hemisphere tilts closer to the sun in March, resulting in more hours of daylight, with earlier sunrises and later sunsets.
- According to Hindu astrology, Vernal Equinox is known as Vasant Vishuva or Vasant Sampat.
- The Spring equinox brings earlier sunrises, later sunsets, and sprouting plants in the northern hemisphere.
- Later sunrises, earlier sunsets, chillier winds, and dry and falling leaves are observed in the south of the equator (southern hemisphere).