

गोंडवाना विद्यापीठ अंतर्गत,
“जनता महाविद्यालय, चंद्रपूर”

कला-शाखा, प्रथम वर्ष

भूगोल

***विषय- पृथ्वीचे परिवलन
व
परिभ्रमण**

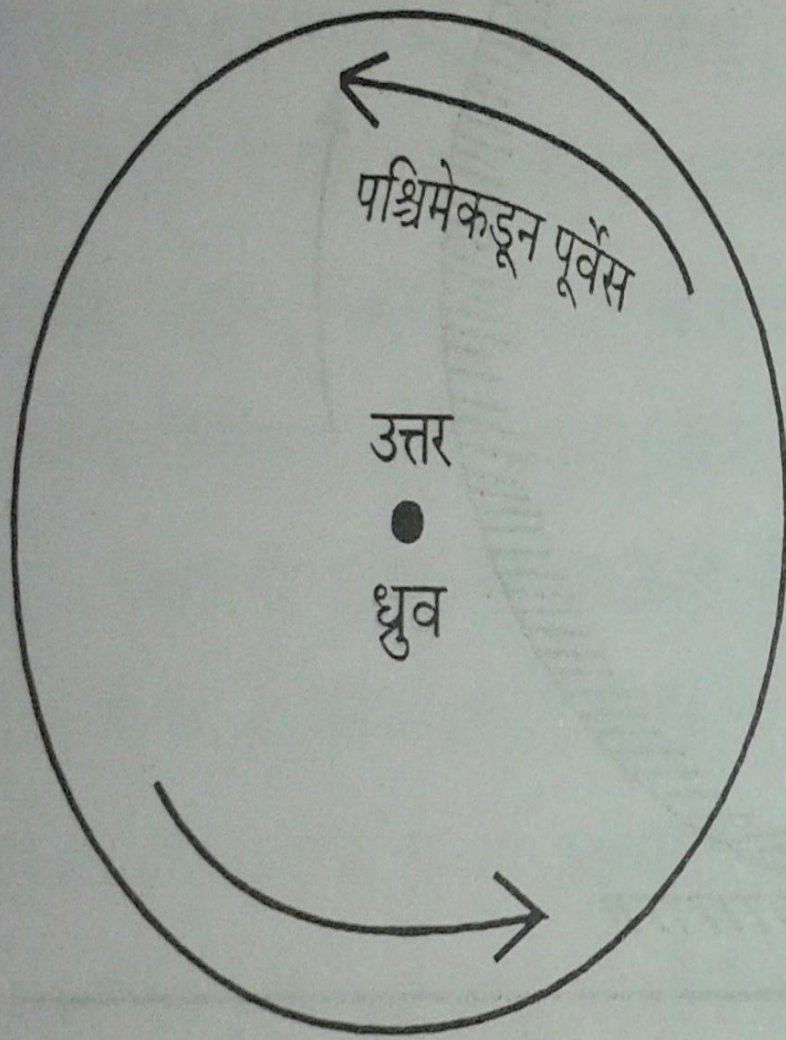
*****चिनाब ग्रुप*****



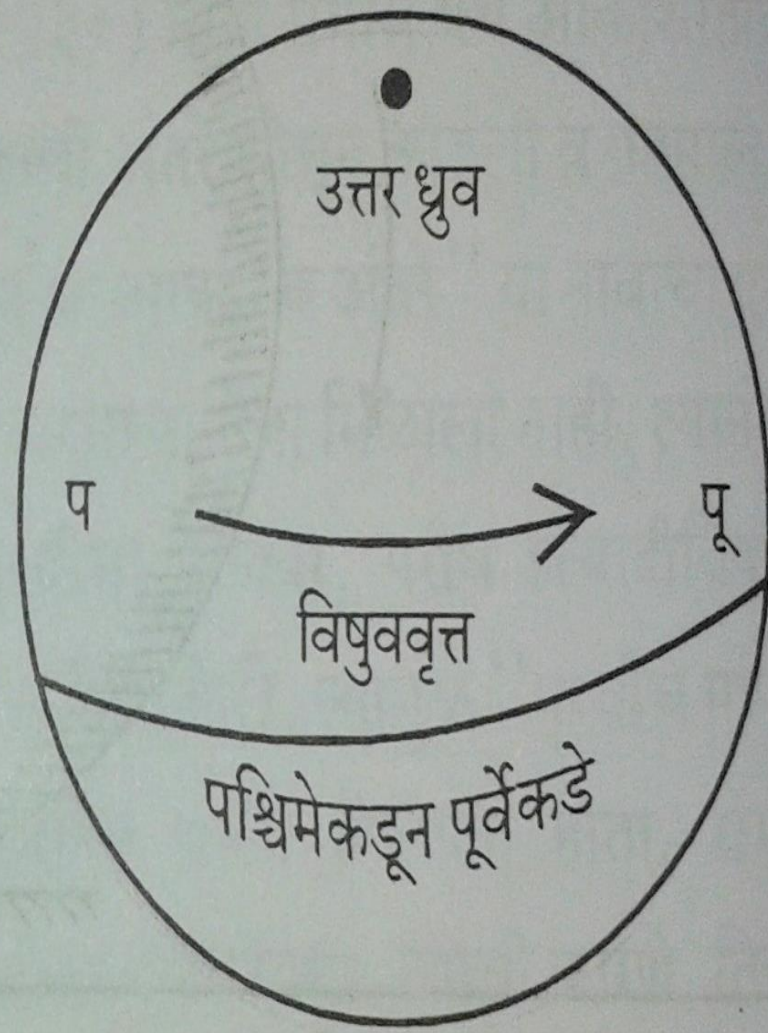




पृथ्वीचे परिवर्तन

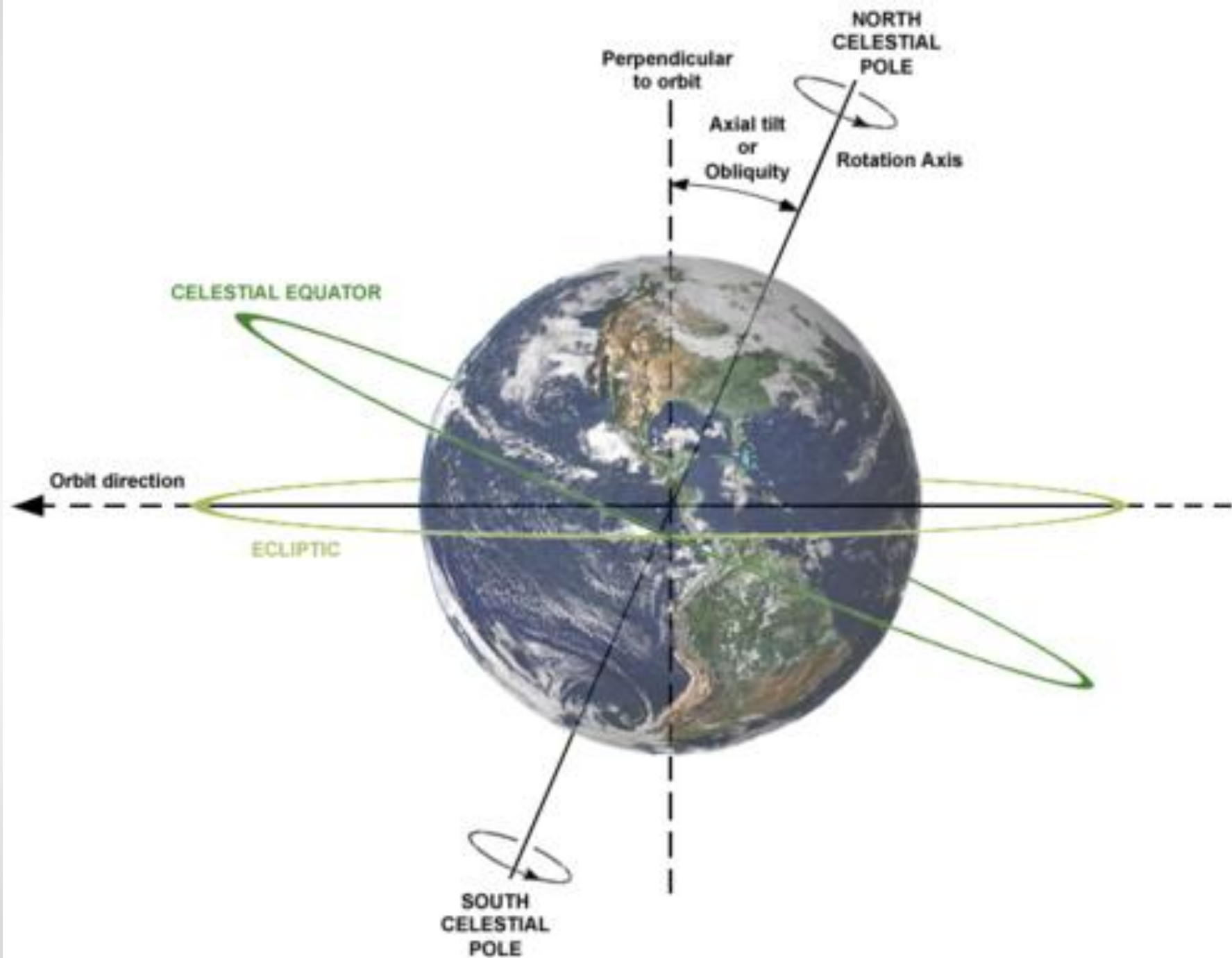


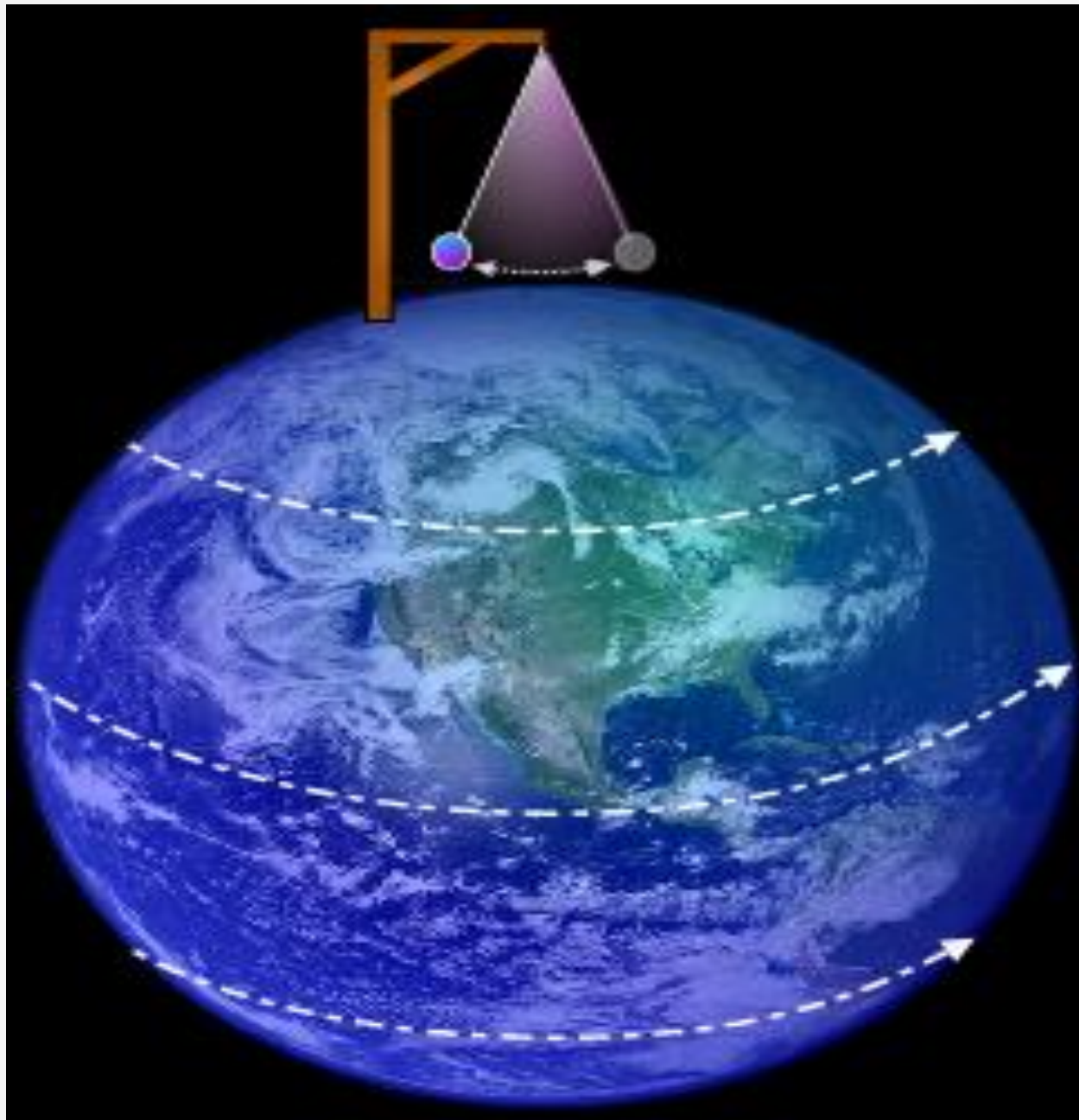
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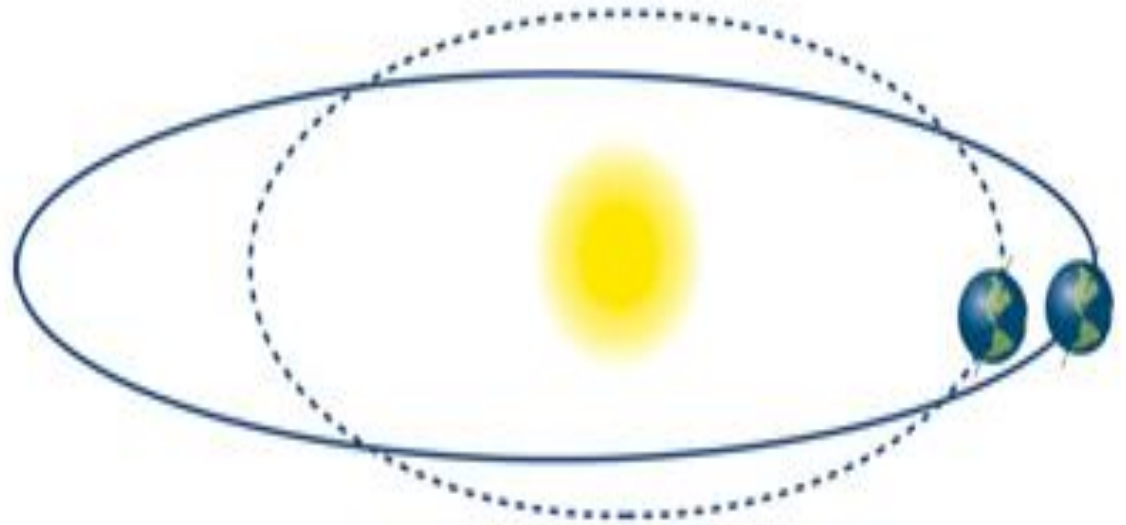
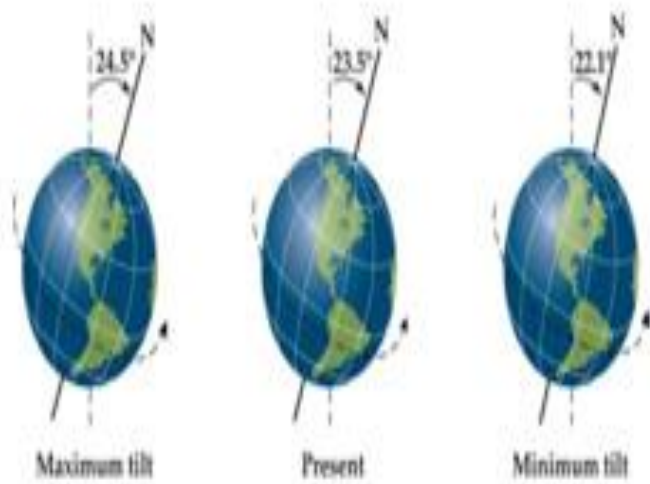


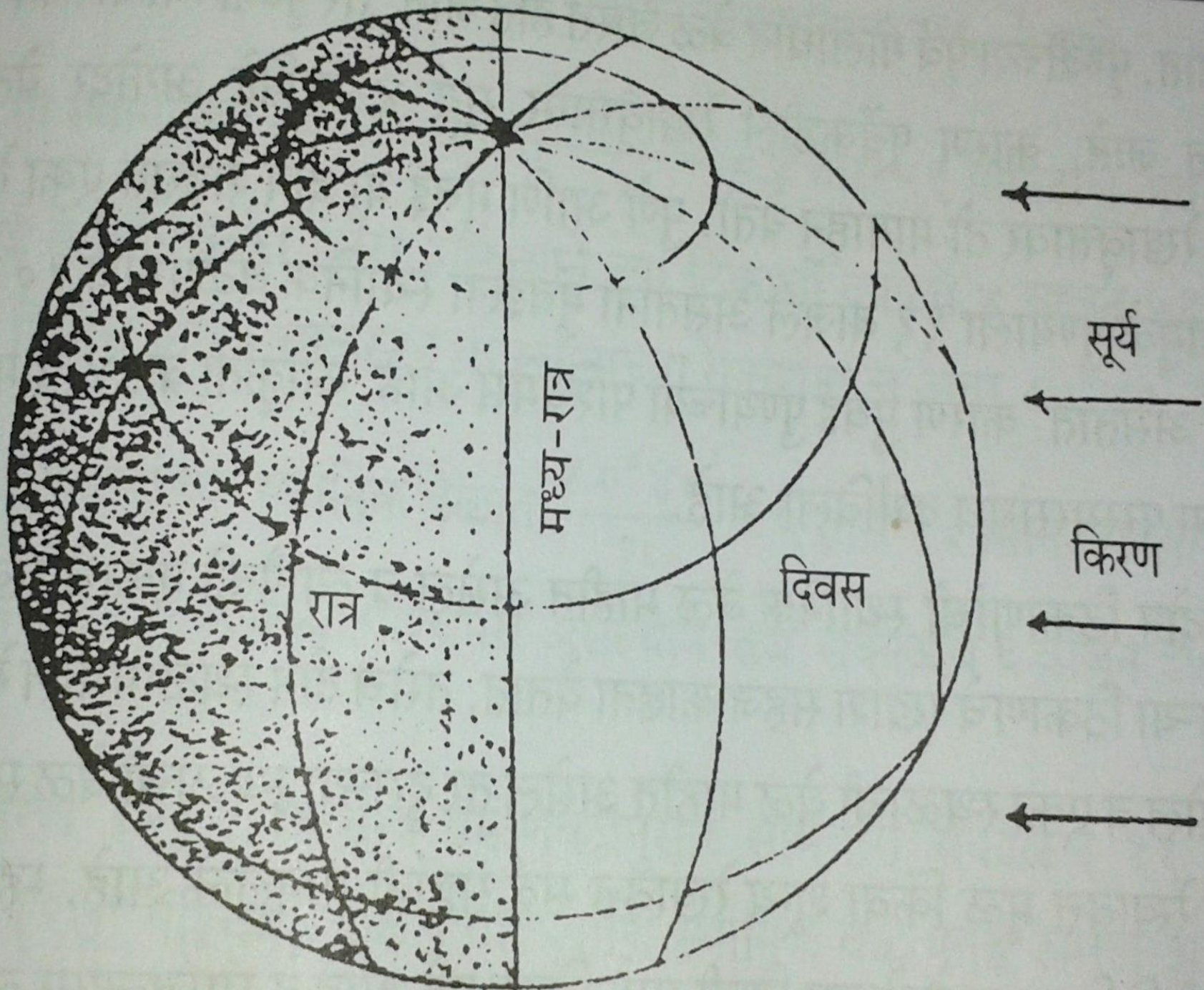
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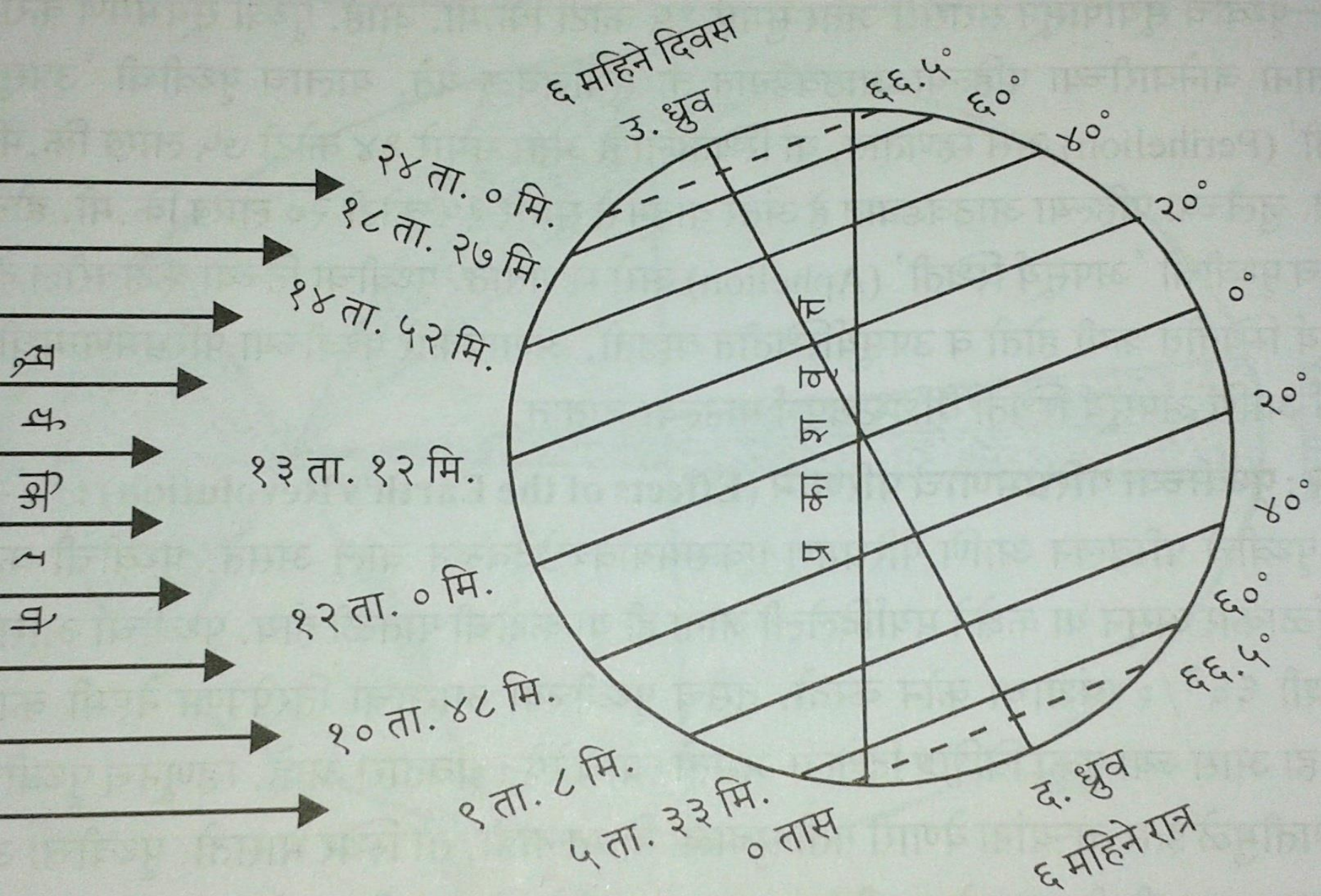
आकृती ३.३ : पृथ्वीचे परिवलनाची दिशा



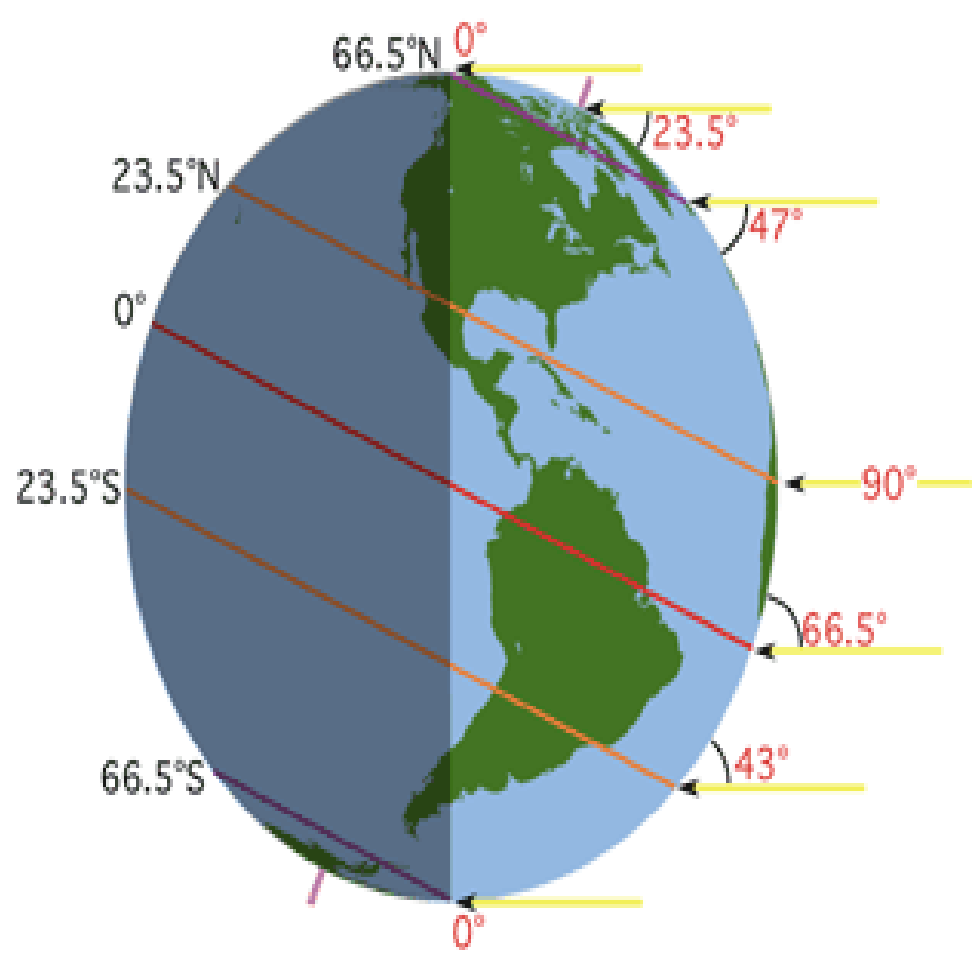
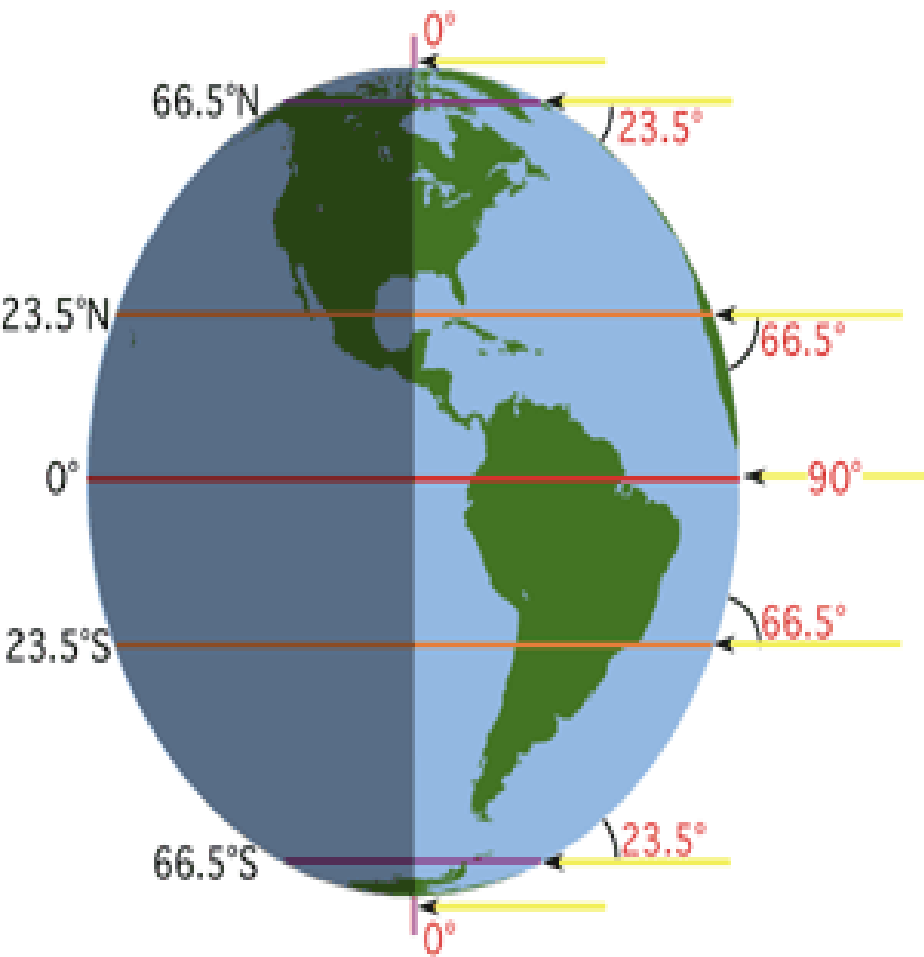


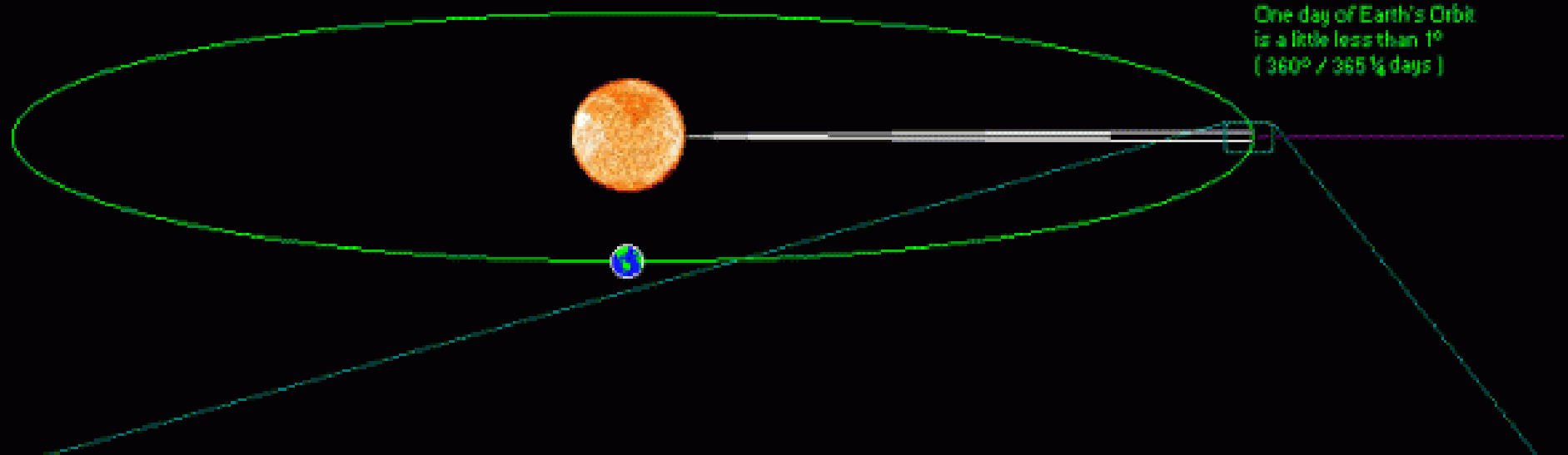




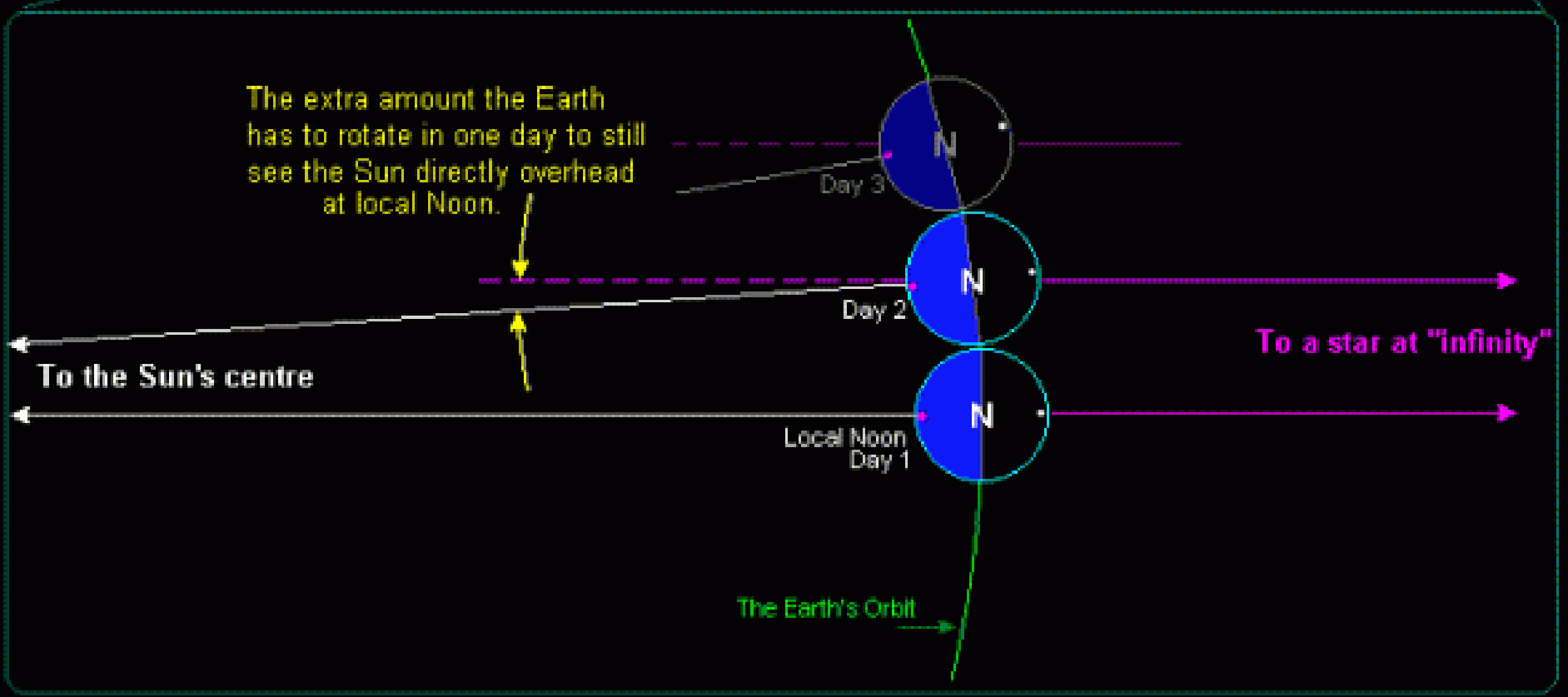


आकृती ४.१५ : दिवस व रात्र यांची असमानता



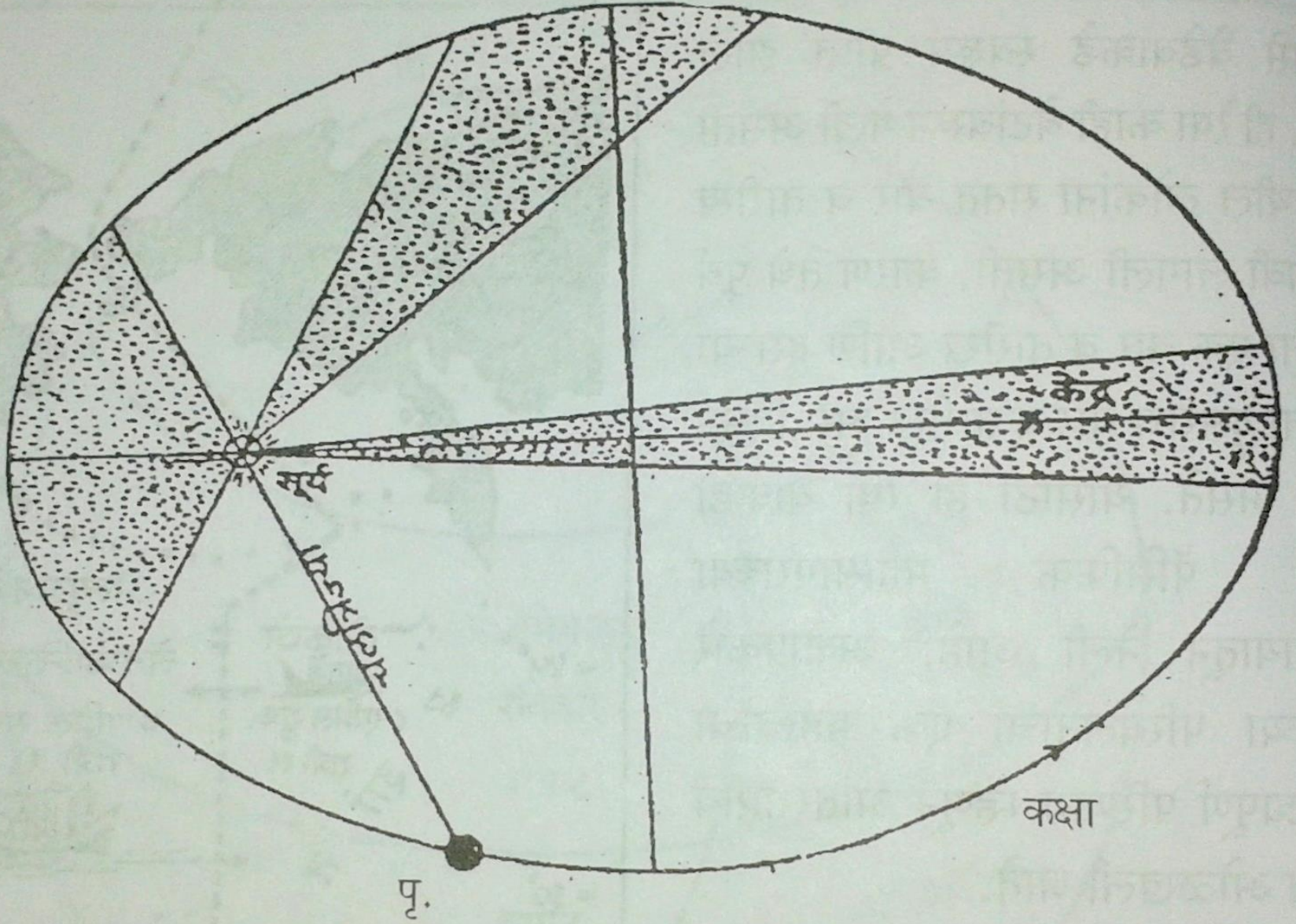


One day of Earth's Orbit
is a little less than 1°
($360^\circ / 365 \frac{1}{4}$ days)



पृथ्वीचे परिभ्रमण

उपसूर्यबिंदू

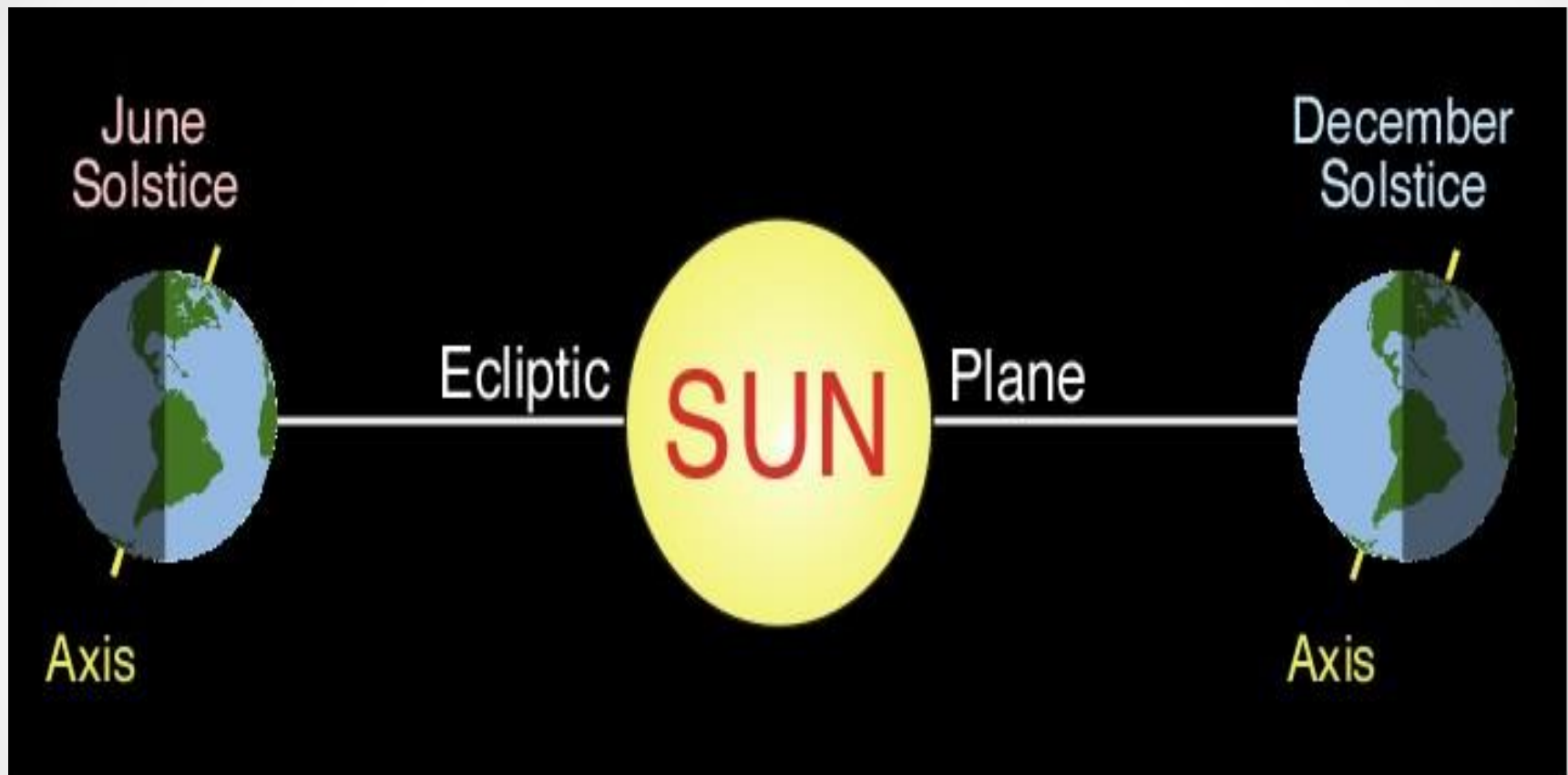


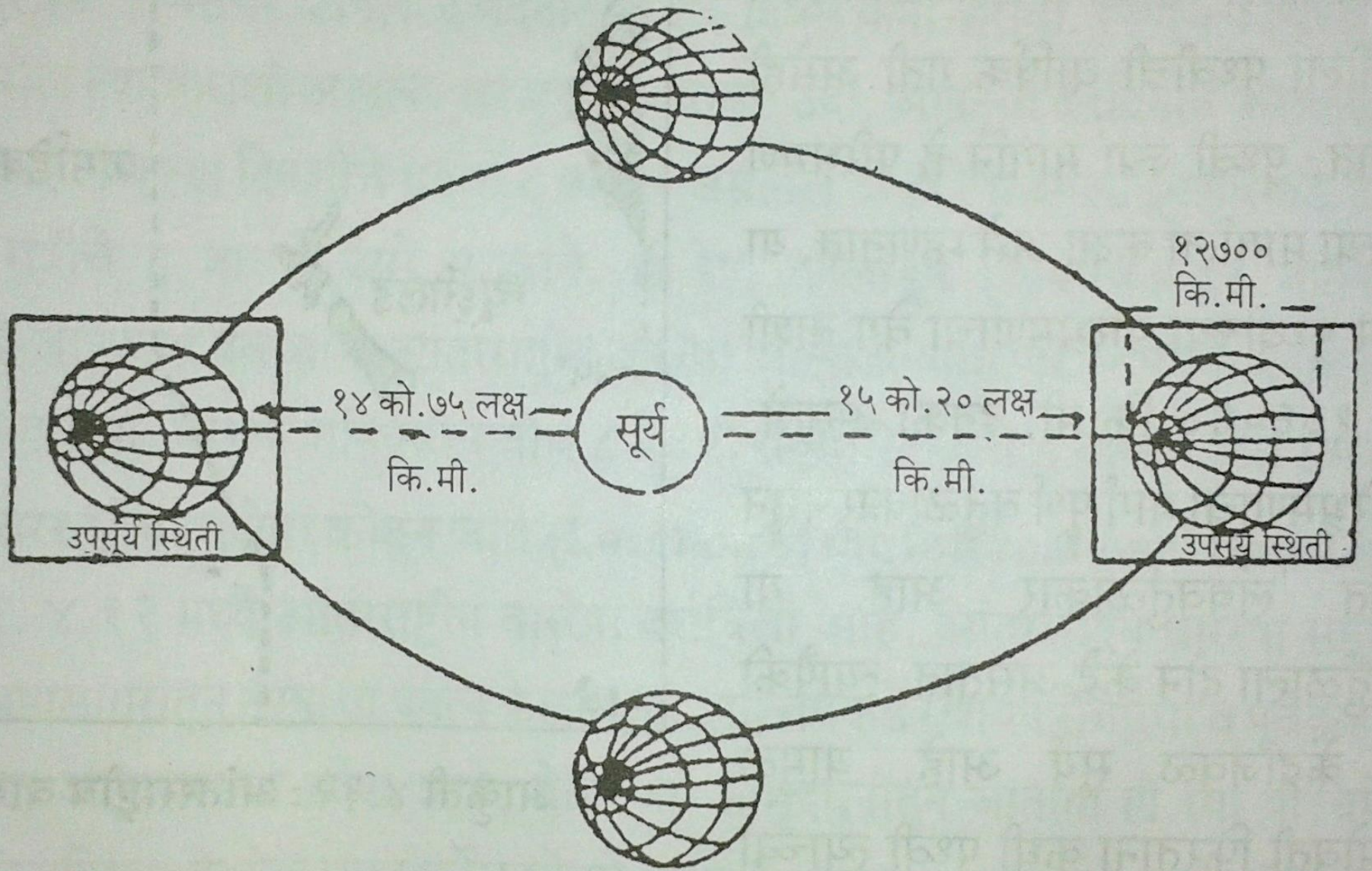
अपसूर्यबिंदू

कक्षा

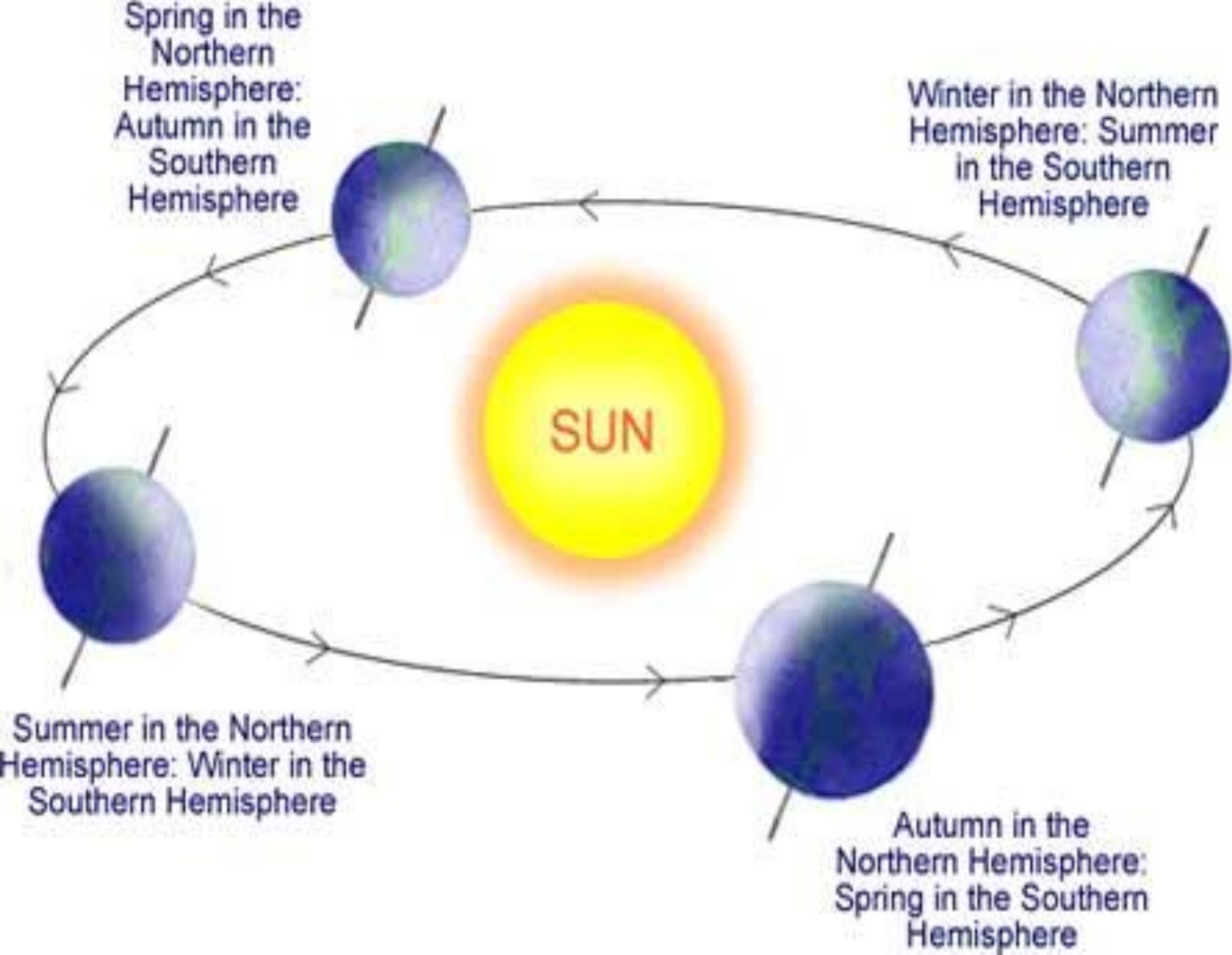
पृ.

आकृती ४.१३ : पृथ्वीचे सूर्यपरिभ्रमण





आकृती ४.१४ : पृथ्वीची उपसूर्य आणि अपसूर्य स्थिती



Arctic Circle
Tropic of Cancer
Equator
Tropic of Capricorn

Spring in north

Fall in south

Summer in north

Winter in south

Winter in north

Summer in south

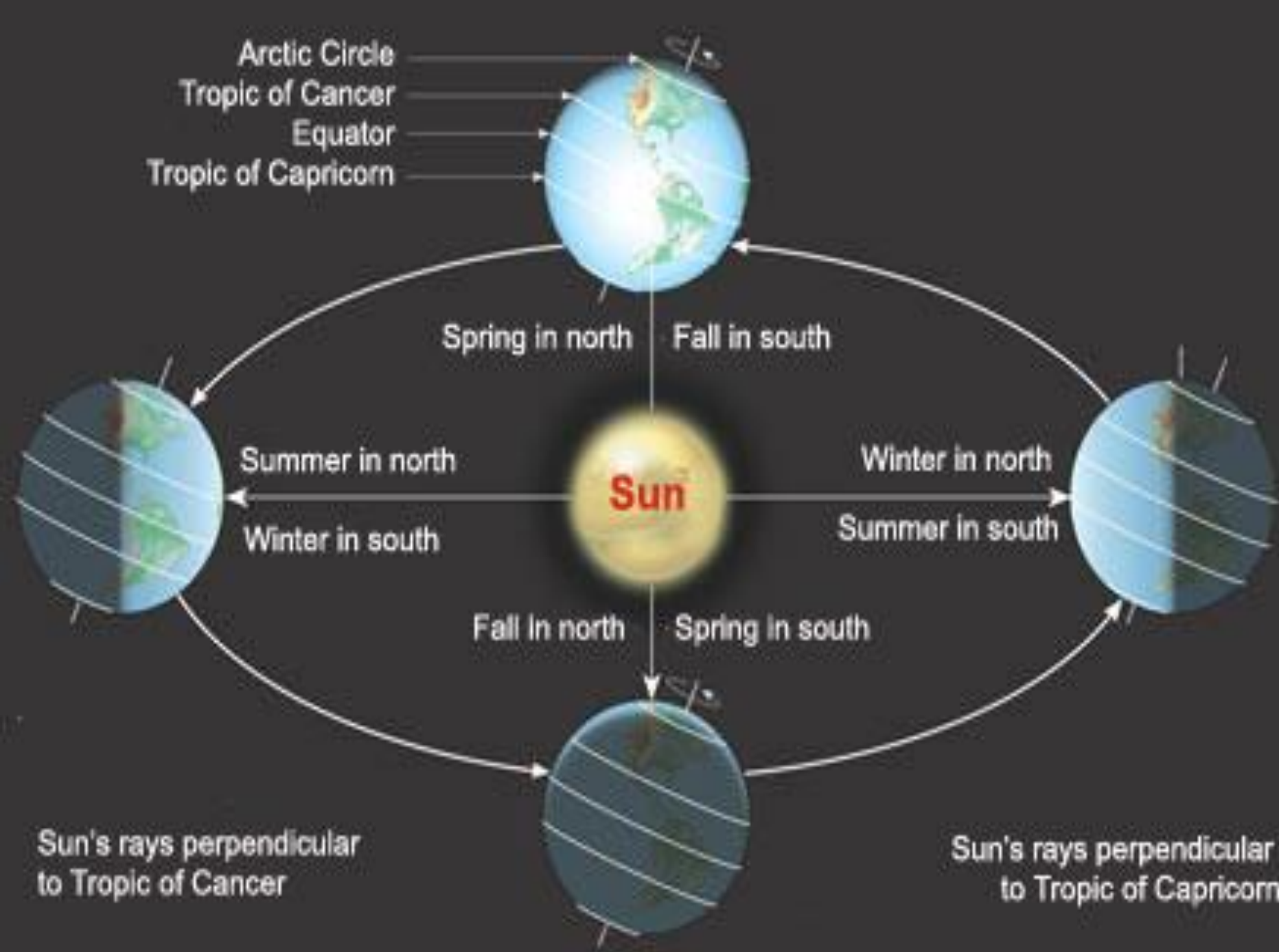
Fall in north

Spring in south

Sun's rays perpendicular
to Tropic of Cancer

Sun's rays perpendicular
to Tropic of Capricorn

Sun



Earth's orbit is its
revolution around the Sun

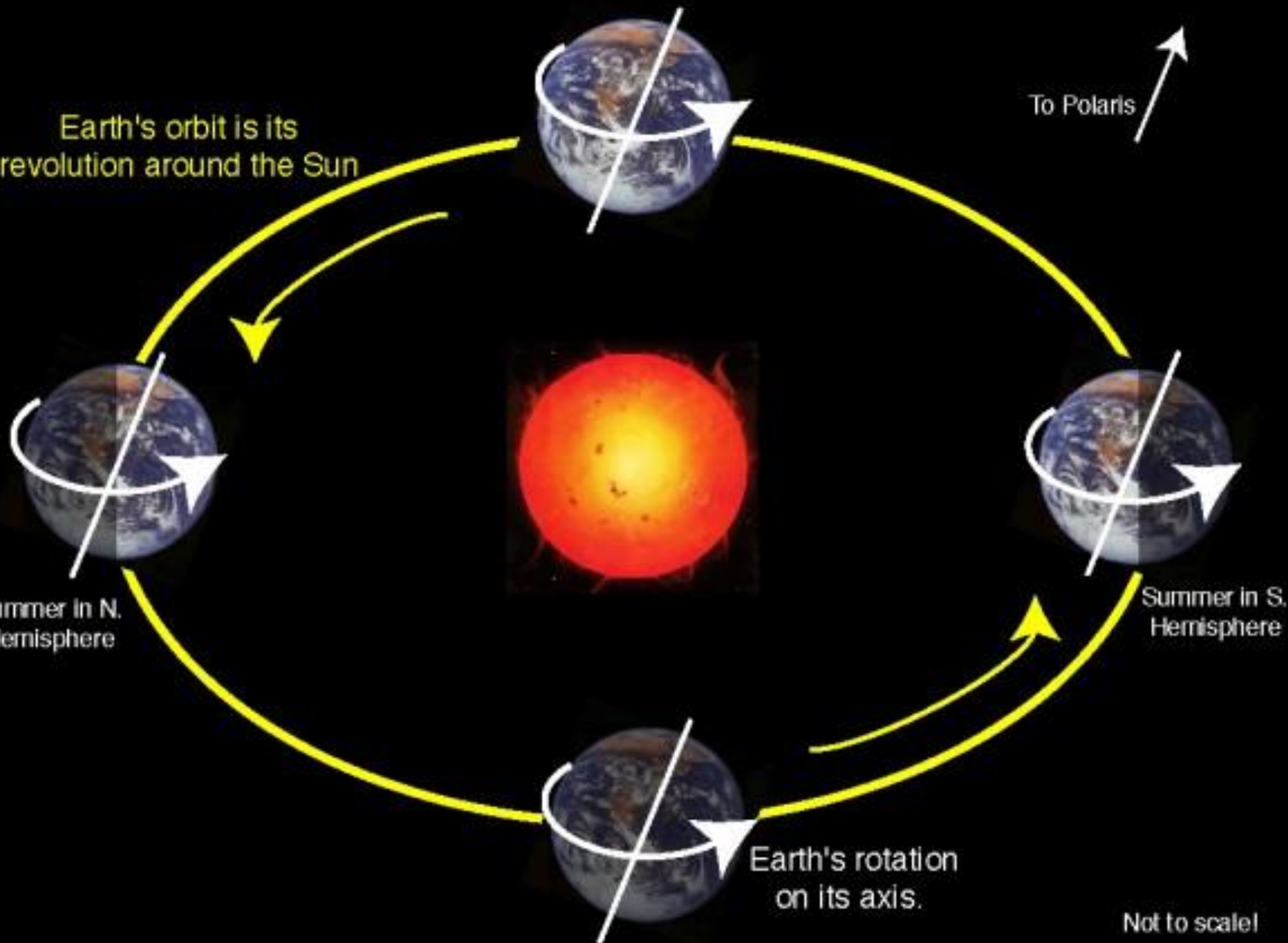
To Polaris

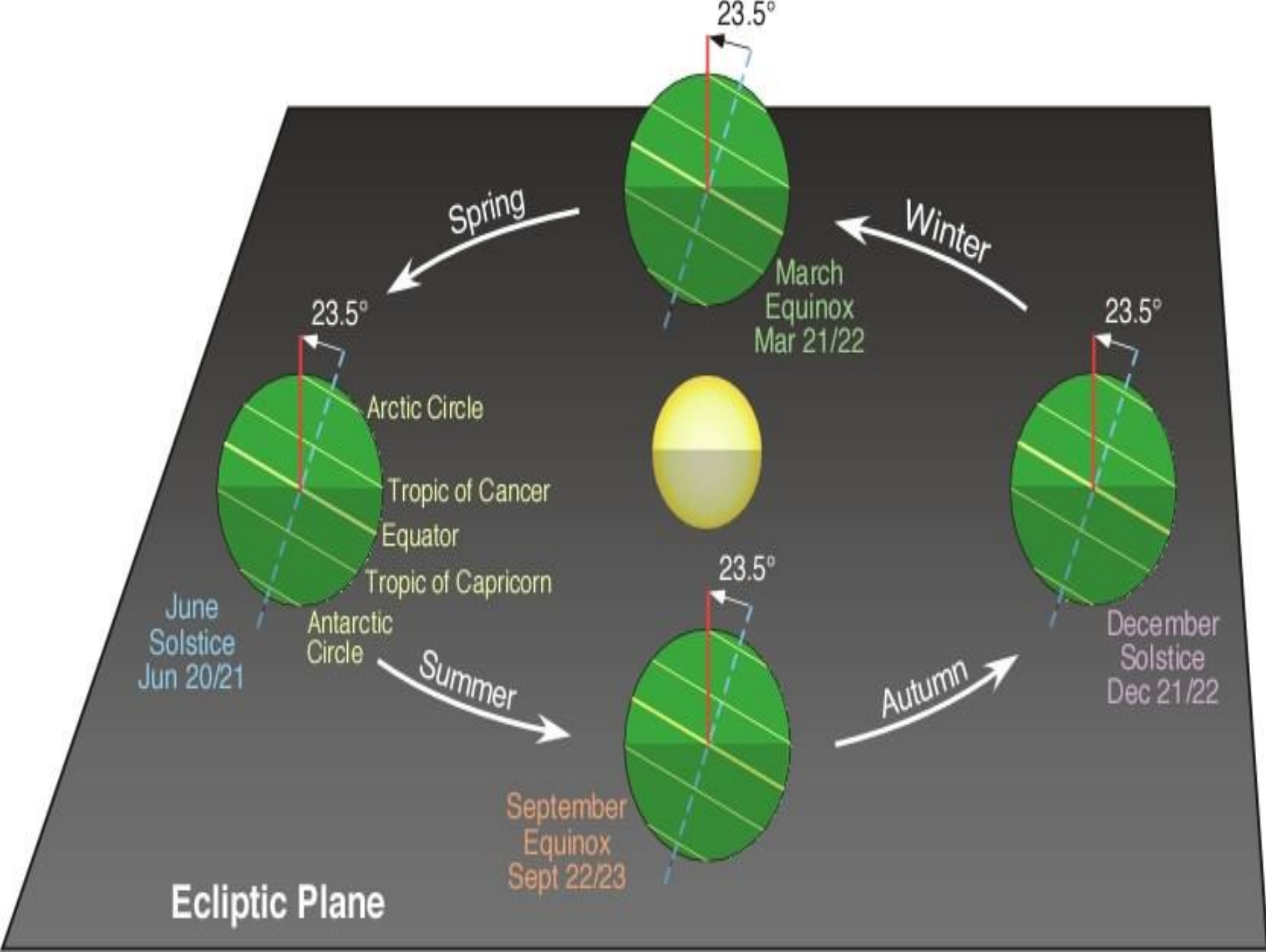
Summer in N.
Hemisphere

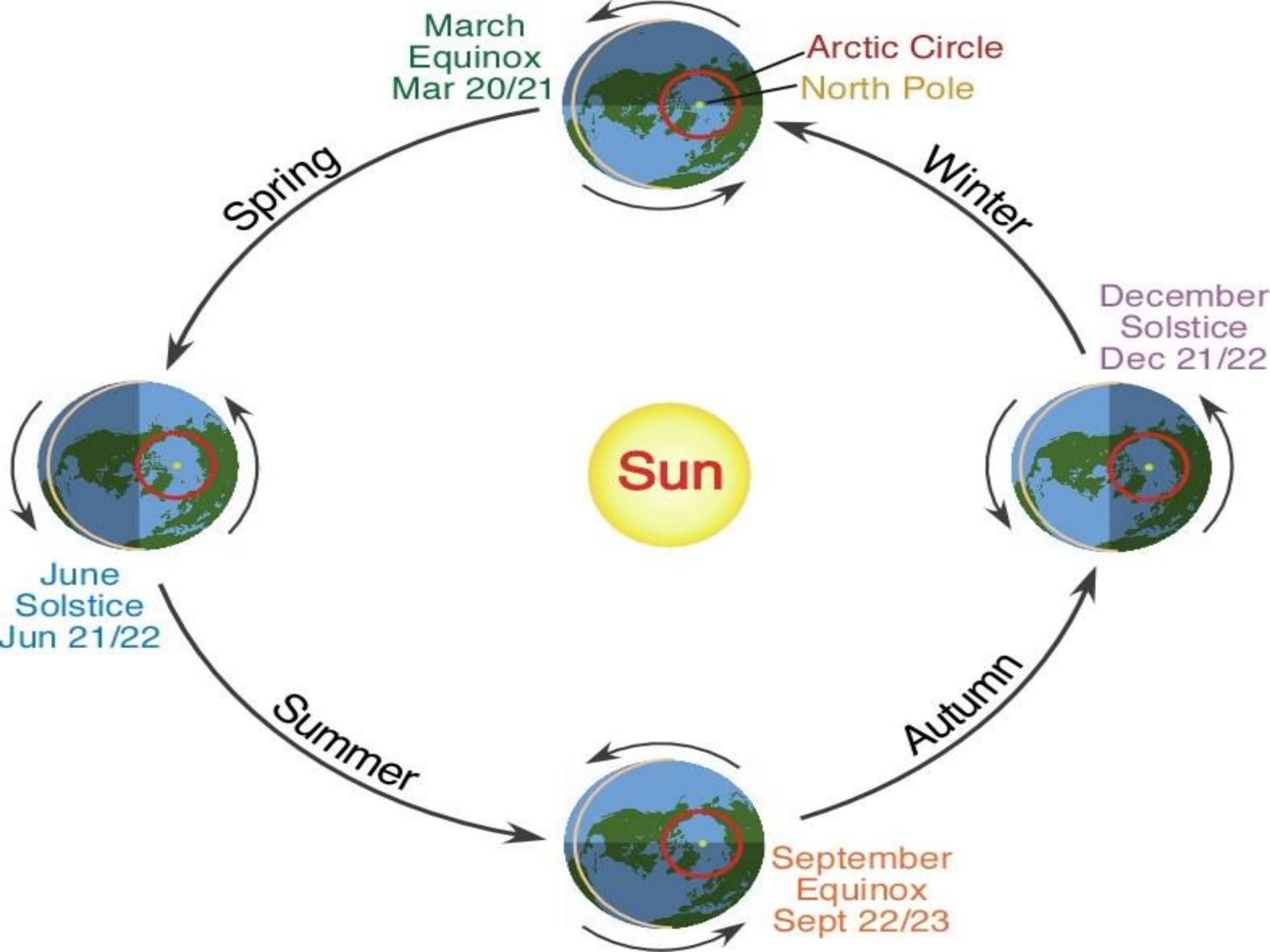
Summer in S.
Hemisphere

Earth's rotation
on its axis.

Not to scale!



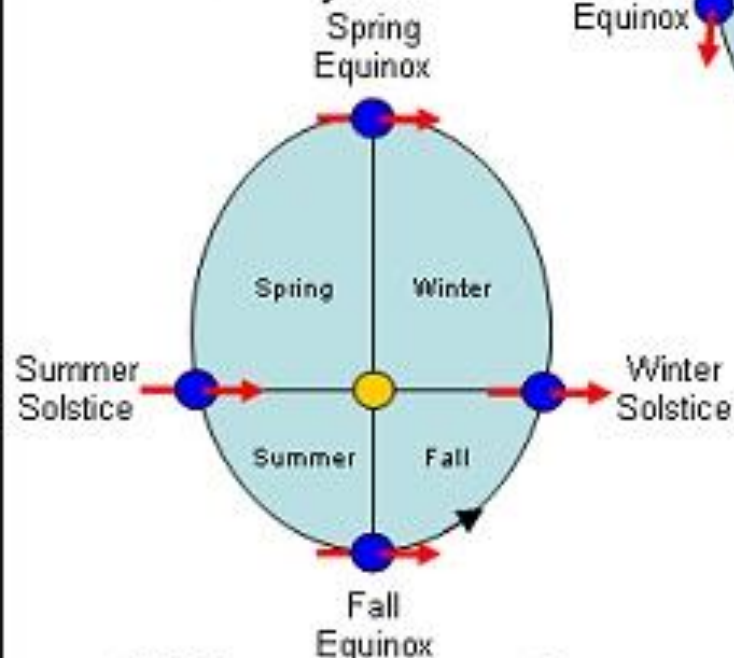
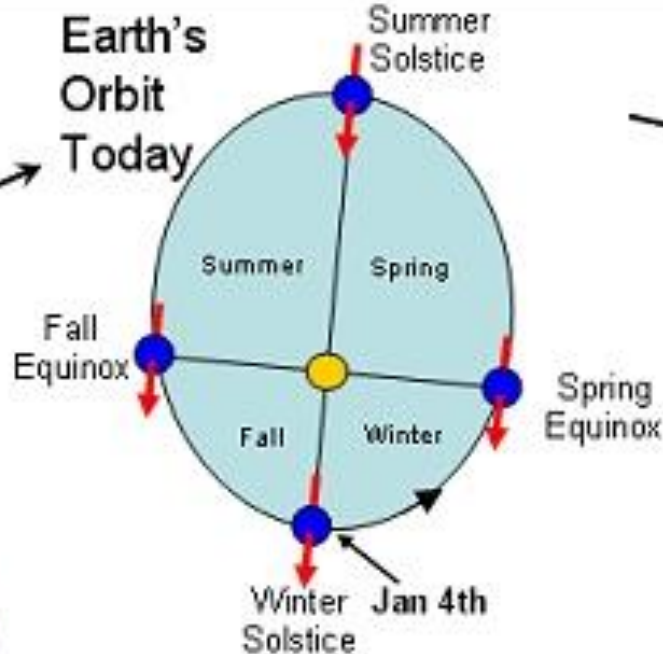




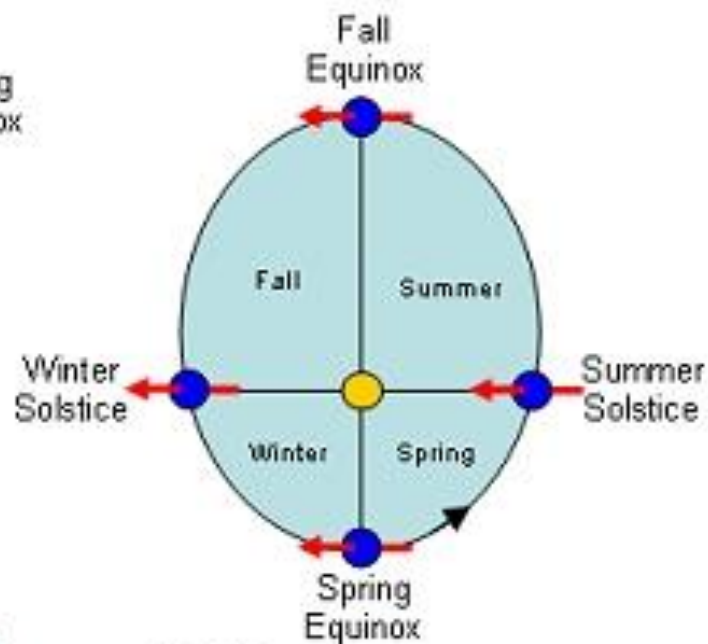
Direction North
Pole points
(actually
inclined only
23.5 degrees)

Earth's
Orbit
Today

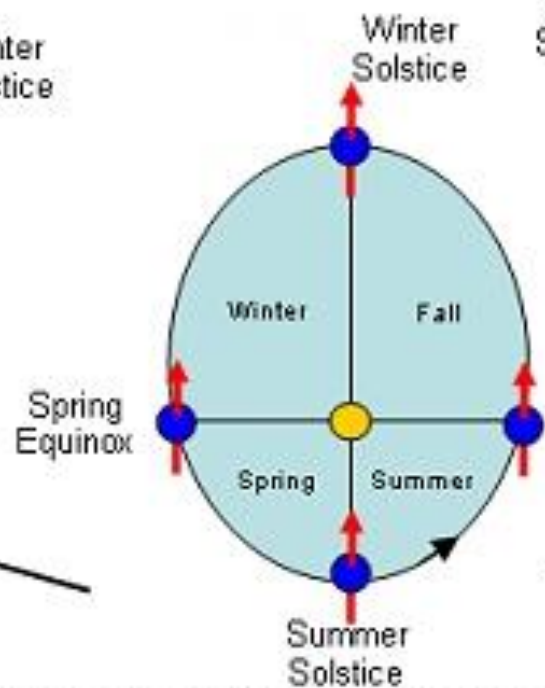
Precession
direction



5000 years ago and
15000 years from now



5000 years from now



Earth's Orbit 10000 years from now

Indicated
seasons are for
northern
hemisphere.

1. શ્રદ્ધા મત્તે

2. મોનાલી ચૌધરી

3. ભુષણકુમાર લોંઢે

मार्गदर्शक

प्रा.श्री.दुधपचारे सर