

CHAPTER EIGHT

GRAVITATION

Introduction:

“Tendency of all material objects attracted towards earth”.

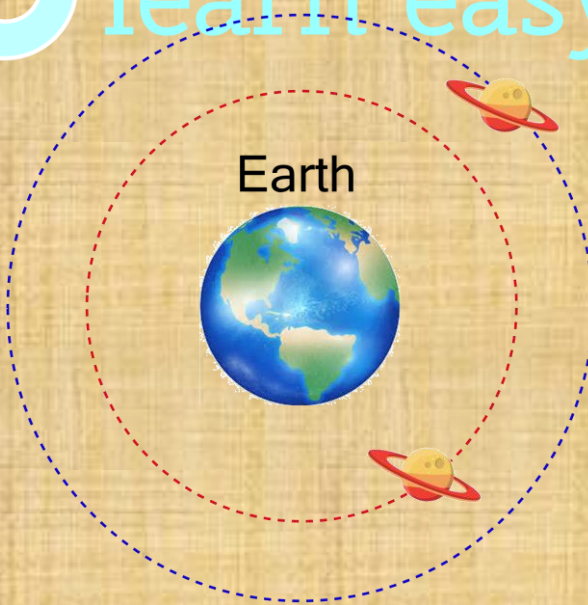
It is known that universe is made of stars, planets etc.

These planetary motions were first observed by a scientist named Ptolemy.

Ptolemy:

Ptolemy proposed Geo – centric theory.

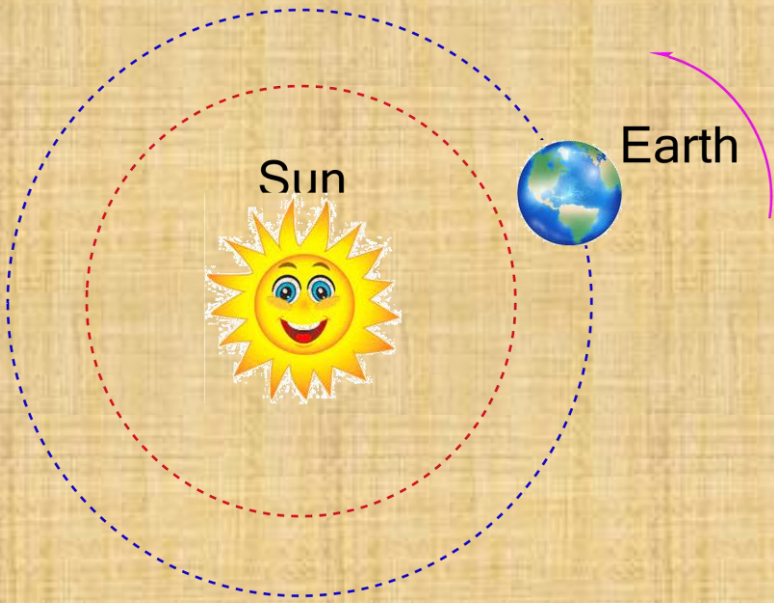
According to him, earth is at the centre and all other planets are revolving around it (Including Sun).



Later Copernicus proposed Heliocentric theory.

Heliocentric theory:

According to him sun is at the centre and all other planets are revolving it (Including earth).



To conclude which theory is correct,

Tycho Brahe continued his research and passed among without completing it.

His data was later analysed by kepler which led him to prove Heliocentric theory.

The laws given by him are popularly called Kepler's laws.