

ГНУ						
	Eval	uatior	n and S	Scorin	g	
Component	Attendance	Exercises	Practical	Reports	Midterm	Fina
Percentage %	10	20	20	0	0	50
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## USTHY Orbits Ptolemy (AD90-AD168, Greek): geocentric model Nicolas Copernicus (1473–1543): heliocentric model • the Earth circles the Sun • the planetary orbit is a circle Johannes Kepler (1571–1630): • 3 Kepler's laws of planetary motion 1. The orbit of a planet is an ellipse with the Sun at one of the two foci (1609) 2. A line segment joining a planet and the Sun sweeps out equal areas during equal intervals of time (1609) 3. The square of the orbital period of a planet is proportional to the cube of the semi-major axis of its orbit (1619) B2-SA-NDT-Earth System 7































































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