

UNIT 9 EXAM TOPICS

UNIVERSE

- Structure
- Doppler Effect

STARS

- ESRT Page 15
- Nuclear Fusion

PLANETS

- ESRT Page 15
- Terrestrial & Jovian
- Geocentric & Heliocentric

ECCENTRICITY

- ESRT Page 1
- Velocity
- Kinetic Energy
- Gravitational Force
- Foci
- Major Axis

THE MOON

- Phases
- Draw
- Read
- Time required – revolution vs Cycle of
- Phases
- Eclipses
- Solar
- Lunar
- Position of celestial objects
- Rotation and revolution

CELESTIAL SPHERES

- Draw paths|
- Read paths
- 4 specific dates

ROTATION

- 15 degrees per hour
- Evidence
- Foucault Pendulum
- Coriolis effect
- Time zones
- Polar view diagrams
- Daily patterns

REVOLUTION

- 1 degree per day
- Evidence
- Seasons
- Dates
- Position
- Latitude of direct rays
- Duration of insolation

TIDES

- Spring and neap
- Position of moon, sun, earth