

Astronomy

B.A.: Optional

ASTRONOMY: OPTIONAL

Outlines of Tests

Paper	Title of Course	Marks
'A':	Applied Psychology (Written):	100

Syllabi and Courses of Reading

1. Principle of the telescope, types of astronomical telescopes, the spectrum, Spectroscope.
2. The earth: rotation and revolution, latitude, longitude and time, the earth's atmosphere.
3. The Moon: motions, phases, surface features and physical conditions.
4. The Sun: Surface features, chromospheres, prominences and corona, eclipses of the sun and moon.
5. The solar system: distances, sizes and motions of planets, individual features of planets, the asteroids, comets and meteors.
6. General ideas about stars, nebulae, galactic systems and evolution of the Universe.
7. Identification of Constellations, prominent stars and Planets on the sky.

Books Suggested:

1. An easy outline of Astronomy by Davidson.
2. A brief text in Astronomy by Skilling and Richardson (Revised Edition)