3. ASTRONOMY:

APPENDIX 'A'
(Outlines of Tests)

Paper: (Written):

Principle of the telescope, types of astronomical telescopes, the spectrum, Spectroscope.

_The earth_: rotation and revolution, latitude, longitude and time, the earth's atmosphere.

_The Moon_: motions, phases, surface features and physical conditions.

_The Sun_: Surface features, chromosphere, prominences and corona, eclipses of
the sun and moon.

_The solar system_: distances, sizes and motions of planets, individual features of
planets, the asteroids, comets and meteors.

General ideas about stars, nebulae, galactic systems and evolution of the Univers.

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).