

Aryabhata : Aryabhata^(5th century) was

the famous astrologer-nerve of
Kusumapura. He was the first
to assert that the earth is a
sphere and that it rotates
round the Sun. His works include
Aryabhataiya (आर्षभटीय), दृशागितिकसूत्र
with numerical notations, and
आर्षभस्तोत्र, collection of 108 verses
in Arya metre. Aryastakata comp-
rises three sections - mathematics
(गणित), measurement of time
(कालक्रिया), astronomy (Gola).

The गणितपाद consists of 33 Arya-
stanzas; the कालक्रियापाद in 25
verses, contains the basic principles
of astrological time calculation and
the Gola^(गोलपाद) in 50 stanzas deals
with the celestial sphere.

In the 10th century A.D. came
another Aryabhata who was known
to Alberuni. This Aryabhata, in
his Aryasiddhanta uses numerical
notations of a different kind.