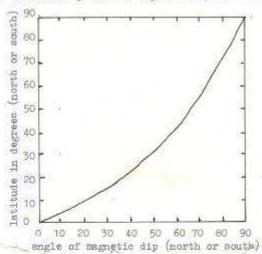
INDIA

Palaeomagnetic data from lavas in India

Age of rock in millions of years	180	145	100	80	65	50	20	0
Angle of magnetic dip in degrees	658	638	fios	338	258	38	17N	20N

Graph showing the relationship between magnetic dip and latitude



Use the graph to convert the angle of magnetic dip to the latitude. Then plot the latitude against age to show the position of India at each time. Describe the motion of India and work out both its average and maximum speed of movement in centimetres per year. (one degree of latitude is 111 km.)

