

EXERCISES

1. Multiple choice questions.
 - (i) Who amongst the following was the first to consider the possibility of Europe, Africa and America having been located side by side.

(a) Alfred Wegener	(c) Abraham Ortelius
(b) Antonio Pellegrini	(d) Edmond Hess
 - (ii) Polar fleeing force relates to:

(a) Revolution of the Earth	(c) Rotation of the earth
(b) Gravitation	(d) Tides
 - (iii) Which one of the following is not a minor plate?

(a) Nazca	(c) Philippines
(b) Arabia	(d) Antarctica
 - (iv) Which one of the following facts was not considered by those while discussing the concept of sea floor spreading?
 - (a) Volcanic activity along the mid-oceanic ridges.
 - (b) Stripes of normal and reverse magnetic field observed in rocks of ocean floor.
 - (c) Distribution of fossils in different continents.
 - (d) Age of rocks from the ocean floor.
 - (v) Which one of the following is the type of plate boundary of the Indian plate along the Himalayan mountains?
 - (a) Ocean-continent convergence
 - (b) Divergent boundary
 - (c) Transform boundary
 - (d) Continent-continent convergence
2. Answer the following questions in about 30 words.
 - (i) What were the forces suggested by Wegener for the movement of the continents?
 - (ii) How are the convectional currents in the mantle initiated and maintained?
 - (iii) What is the major difference between the transform boundary and the convergent or divergent boundaries of plates?
 - (iv) What was the location of the Indian landmass during the formation of the Deccan Traps?
3. Answer the following questions in about 150 words.
 - (i) What are the evidences in support of the continental drift theory?
 - (ii) Bring about the basic difference between the drift theory and Plate tectonics.
 - (iii) What were the major post-drift discoveries that rejuvenated the interest of scientists in the study of distribution of oceans and continents?

Project Work

Prepare a collage related to damages caused by an earthquake.