

Secondary Level

Science and Technology

Chapter 20: History of Life on Earth

1. Mention when did the earth come into existence? Why did life not exist on primitive earth?
2. State the significance of the study of fossils in evolution?
3. What are the main points of Oparins' theory of Origin of life?
4. State the conditions which would have made the primitive atmosphere of Earth more conducive to the origin of life?
5. List the five major events during geological time period beginning from origin of life.
6. Mention the two major contributions of Charles Darwin. Give salient features of Darwin's theory of Evolution
7. Write a note on (a) Neo-Darwinism (b) Cambrian Explosion
8. State the major events in the history of life?
9. With the help of diagram explain the theory of Oparin and Haldane's experiment.
10. Do you think humans are still evolving also state major stages of human evolution to justify your answer?