

Model Question paper

Origin of Life (Z) 3

11th Standard

Biology

Reg.No. :

--	--	--	--	--	--

I. Answer all the questions.

II. Use blue pen only.

Time : 00:50:00 Hrs

Total Marks : 36

10 x 1 = 10

Part - A

- 1) The proposal that living forms are animated form of non-living matter was provided by
(a) Empedocles (b) Thales (c) Lamarck (d) Aristotle
- 2) The first vertebrates were included in the group.....
(a) Amphibia (b) Agnatha (c) Carinata (d) Aves
- 3) The coal and petroleum are obtained from the forest of
(a) Devonian period (b) Mesozoic era (c) Cretaceous (d) Pennsylvanian
- 4) The theory of natural selection was explained by.....
(a) Aristotle (b) Charles Drawin (c) Thales (d) Urey Miller
- 5) Living organisms did not exist during
(a) Palaeozoic era (b) Azoic era (c) Cenozoic era (d) Cambrian period and Azoic era
- 6) The most significant animal group of Cenozoic era is.....
(a) Horses (b) Birds (c) Reptiles and birds (d) Mammals
- 7) Origin of first flowering plants occurred before.....
(a) 65-54 million years (b) 130-65 million years (c) 210-160 million years (d) 38-26 million years
- 8) The first vertebrates originated during.....
(a) Cambrian period (b) Precambrian period (c) Silurian period (d) Ordovician period
- 9) The fossil bird, the archaeopteryx appeared during.....
(a) Mesozoic era (b) Triassic period (c) Jurrassic period (d) Cretaceous period
- 10) The long fishes of Australia among the following.....
(a) Neoceratodus (b) Jamoytius (c) Pteraspis (d) Coccostens.

Part - B

5 x 2 = 10

- 11) What is Cosmozoic theory?
- 12) Explain the Coacervation theory regarding origin of life.
- 13) Why do you call the Mesozoic era as the golden age of reptiles?
- 14) Mention the duration and significance of three major eras.
- 15) Distinguish between true and pseudoextinction.

Part - C

2 x 3 = 6

- 16) Give an account of Urey-miller hypothesis
- 17) Give an account of various epochs included in Cenozoic era

Part - D

2 x 5 = 10

- 18) Write an essay on fossils and methods of fossilization.
- 19) Describe the experiment conducted by Francesco Redi to explain the theory of biogenesis.
