

Model Question paper
Origin of Life (Z) 1
11th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 00:50:00 Hrs

Total Marks : 30

10 x 1 = 10

Part - A

- 1) The resistant spores that led to the origin of life on earth are named as.....
(a) protozoans (b) cosmozoa (c) viruses (d) bacteria
- 2) The proposal that living forms are animated form of non-living matter was provided by
(a) Empedocles (b) Thales (c) Lamarck (d) Aristotle
- 3) The Protocell model was formed of
(a) Coacervates (b) Proteins (c) Ozone (d) Methane
- 4) Mesozoic era is commonly referred to as
(a) Age of mammals (b) Age of fishes (c) Golden age of reptiles (d) Cradle of ancient life
- 5) The coal and petroleum are obtained from the forest of
(a) Devonian period (b) Mesozoic era (c) Cretaceous (d) Pennsylvanian
- 6) Identify the early ancestor of reptiles.....
(a) Dinosaurs (b) Seymouria (c) Archaeopteryx (d) Hyracotherium
- 7) The theory of natural selection was explained by.....
(a) Aristotle (b) Charles Drawin (c) Thales (d) Urey Miller
- 8) The theory of Primary abiogenesis was put-forth by.....
(a) A.I.Oparin (b) Urey-Miller (c) Francesco Redi (d) Empedocles
- 9) Living organisms did not exist during
(a) Palaeozoic era (b) Azoic era (c) Cenozoic era (d) Cambrian period and Azoic era
- 10) The period is referred to as the 'Golden age of fishes'
(a) Mesozoic era (b) Palaeozoic era (c) Cambrian period (d) Devonian period

Part - B

- 11) Why do we call the palaeozoic era as the 'cradle of ancient life'?
- 12) What is 'ice age'?
- 13) What is the significance of Seymouria?
- 14) What is Precambrian period?
- 15) What bi meant by Theory of Special Creation?
- 16) Write a note on 'Bigbang theory'

6 x 2 = 12

Part - C

- 17) Give an account of Urey-miller hypothesis

1 x 3 = 3

Part - D

- 18) What is mass extinction? provide the causes for such extinctions.
- 19) Describe A.I Oparin's theory regarding origin of life.

2 x 5 = 10
