



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 25

Class: XII

Sub: Biological Science

Date: 02.07.2020

Topic: Chapter 7 (Part III) Palaeontological Evidences of Biological Evolution

F.M. : 15

Choose the correct option:

(1x15=15)

1. The study of fossils of animals and plants is called :-
a) Zoology b) Palaeontology c) Palaeobiology d) Both (b) and (c)
Answer : Both (b) and (c) (d)
2. Father of Palaeontology is :-
a) Leonardo da Vinci b) Cuvier c) Haeckel d) None of these
Answer : Leonardo da Vinci (a)
3. The following is the type of fossil :-
a) Petrification b) Moulds c) Casts d) All of these
Answer : All of these (d)
4. Hardened resin is called :-
a) Amber b) Asphalt c) Casts d) None of these
Answer : Amber (a)
5. Replacement of organic material of dead and decaying organisms takes place by :-
a) Calcium Carbonate b) Silica c) Cobalt d) Both (a) and (b)
Answer : Both (a) and (b) (d)
6. The chronological arrangement of geological and evolutionary events in the past is called :-
a) Carbon dating b) Geological time scale c) Time period d) None of these
Answer : Geological time scale (b)
7. The following period is the age of reptiles :-
a) Permian b) Jurassic c) Devonian d) Cambrian
Answer : Jurassic (b)
8. The age of Mammals and angiosperms is :-
a) Mesozoic b) Paleozoic c) Coenozoic d) Proterozoic
Answer : Coenozoic (c)
9. The appearance of primitive man took place during _____ epoch.
a) Pleistocene b) Pliocene c) Miocene d) Eocene
Answer : Pleistocene (a)

10. The fossil of faecal matter or dropping is called :-

- a) Trail b) Print c) Coprolites d) Trail

Answer : Coprolites (c)

11. The significance of geological time scale is :-

- a) Depicts characteristic climatic conditions b) Shows occurrence of plants c) Shows adaptive modification in organisms d) All of these

Answer : All of these (d)

12. The geological time scale was developed by :-

- a) Giovanni Arduiana b) Cuvier c) Boltwood d) All of these

Answer : Giovanni Arduiana (a)

13. The best type of fossil for study is :-

- a) Petrification b) Coal balls c) Compression d) Trail

Answer : Petrification (a)

14. The following is also known as the ice age :-

- a) Carboniferous b) Permian c) Jurassic d) Cambrian

Answer : Permian (b)

15. The process of fossilization depends on the following factors :-

- a) Over head burden of sediment b) Temperature c) Pressure d) All of these

Answer : All of these (d)

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