



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 23

Class: XII

Sub: Biological Science

Date: 30.06.2020

Topic: Chapter 7 Evolution (Part I) Origin of Life

F.M. : 15

Choose the correct option:

(1x15=15)

1. 'The earth is a creation of God'. It is envisaged in which theory ?
a) Theory of spontaneous generation b) Theory of Special creation c) Theory of Biogenesis
d) Cosmozoan Theory
2. Who proposed the theory of Spontaneous generation?
a) Redi b) Spallanzani c) Aristotle d) Oparin
3. Supporter of Theory of Biogenesis :-
a) Francesco Redi b) Spallanzani c) Louis Pasteur d) All of these
4. The famous swan-necked flask experiment was performed by :-
a) Louis Pasteur b) Needham c) Spallanzani d) All of these
5. Who proposed the cosmic panspermia theory ?
a) Preyer b) Richter c) Arrhenius d) Helmholtz
6. Life came to the Earth via a meteorite was the idea proposed by :-
a) Helmholtz b) Preyer c) Haldane d) Needham
7. The concept of biochemical origin of life was proposed by :-
a) Oparin and Haldane b) Arrhenius c) Spallanzani d) Louis Pasteur
8. The earth is said to have originated :-
a) 3 billion years ago b) 5-6 billion years ago c) 2 billion years ago d) 1 million years ago
9. The heaviest metal atoms like Ni, Fe and Cu collected in the _____ of Earth.
a) Crust b) Atmosphere c) Core d) None of these
10. The primitive atmosphere was _____ in nature.
a) Oxidising b) Reducing c) Neutral d) Oxido-reducing
11. Primordial atmosphere included _____ in its composition.
a) Methane b) Hydrogen c) Ammonia d) All of these
12. The synthesis of carbohydrates, fats and amino acids presumably took place in sea and the mixture of sea is described as _____.
a) Hot dilute soup b) Boiling sea c) Watery crust d) None of these

13. The following simple organic compounds were formed in primitive world :-
a) Purines and Pyrimidine b) Glycerol c) Amino acids d) All of these
14. Complex organic compounds like polysaccharides, proteins etc were formed by the process of :-
a) Hydrolysis b) Ligation c) Polymerisation d) None of these
15. The future lithosphere was made up from :-
a) Silicon b) Aluminium c) Sodium d) All of these

Shaista Ahmed