



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



SOLUTIONS – 01

Class: IX

Sub: Life Science

Date: 16.01.2021

Topic: Prime characteristics of living Things and Miller Urey's experiment
F.M. : 15

Choose the correct option:

(1x15=15)

1. An adult human being is formed of Cells.
a) 600 million b) 80 trillion c) 80 billion d) 60 billion
2. The cell contains a gel like substance called
a) cytoplasm b) cell membrane c) cell organelles d) nucleus
3. The correct sequence of structural hierarchy
a) Cell->organ->organ system->tissue->organ b) cell->tissue->organ->organ system c) cell->organ->tissue->organ system d) organ system->organ->cell->tissue
4. The following is the energy currency of the cell:
a) ATP b) CTP c) Nucleotide d) amino acids
5. Growth consists of the following:
a) cell division b) cell elongation c) cell differentiation d) all of these
6. The propagules of vegetative reproduction are called:
a) gametes b) spores c) gemmules d) all of these
7. Leaves of plant like Close during the end of the day.
a) malvaceae b) caesalpinaceae c) compositae d) lamiaceae
8. The non living things have the following characters:
a) Cannot reproduce b) grows by deposition c) does not respond to stimuli d) all of these
9. The following is not true for living thing:
a) does not carry metabolism b) growth by cell division c) respond to stimuli d) reproduces
10. Universe is created Years ago.
a) 4.55 billion b) 13.7 billion c) 3.7 billion d) 4.6 billion
11. First life was created years ago
a) 3.7 billion b) 4.7 billion c) 4.5 billion d) 10 billion
12. The gases present in the primitive environment:
a) Nitrogen, carbon dioxide and hydrogen b) oxygen, carbon dioxide and methane c) oxygen, methane and ammonia d) ammonia, oxygen and nitrogen
13. The gases produced were condensed using a to cooled liquid.
a) condenser b) discharge tube c) electrodes d) vacuum pump

14. Miller Urey experiment proved the organic evolution of life in the following year:
a) 1971 b) 1981 c) 1951 d) 1961
15. was present in the primitive atmosphere to provide reducing environment.
a) carbon monoxide b) carbon dioxide c) hydrogen d) all of these

Shaista Ahmed

