

Board – ICSE

Class – 9

Topic – INTRODUCING BIOLOGY

- Who are known as father of Botany and Medicine?
- What is the difference between oviparous and viviparous?
- Explain biotechnology and genetic engineering.
- Answer the following question in one word.
 - Study of functions and activities of organism
 - Study of formation of embryo
 - Study of diseases
- Describe the following branches of biology
 - Zoology
 - Botany
 - Mycology
 - Ecology
- Explain at least four significance to study Biology.
- Match the following

Column A	Column B
Herpetology	Animals
Ornithology	Fungi
Mycology	Birds
Zoology	Lizards
- What is biochemistry?
- How does biology help us in leading a healthier life?
- Given statements are false, mark them as True (T) or False (F) and also gives reason for false statements.
 - Study of immune system is called as Ecology
 - Study of tiny structure by microscope is histology.
 - Ecology is the science of improving population by controlled breeding.
 - Sericulture is production of honey by raising bees
- Mention the kind of study made under the following branches of science
 - Paleontology
 - Taxonomy
 - Biochemistry
 - Evolution
- Name the specific branches of Biology concerned with study of
 - Fungi
 - Fishes
 - Insects

- d) Transmission of body characteristics from parent to children
- 13.** Name the following branches of Biology
- a) Management and analysis of biological information stored in database.
 - b) Study the effect of radioactivity in living things.
 - c) Process by which exact copies of organism are produced.
 - d) Interpreting biological events in terms of molecules in the cell.
 - e) Practice of raising crops and livestock.