

## Biology (New Book) - 9th Class Biology Urdu Medium Chapter 1 Preparation

Q1. Define Deduction

**Ans 1:** "If mosquitoes are involved in the spread of malaria, then Plasmodium should be present in mosquitoes.

Q2. Differentiate between zoology and botany.

**Ans 1:** The division of biology which deals with the study of plants is called botany e.g. mustard rose, the division of biology which deals with the study of animals is called zoology e.g. frog.

Q3. Define the Genetics

**Ans 1:** It is the branch of Biology that deals with the study of transfer of characteristics from parents to offspring.  
Application :- In genetics, scientists also study the causes of genetic diseases, and develop better varieties of plants

Q4. Define Anatomy

**Ans 1:** It is the branch of Biology that explores the internal physical structure of organisms, particularly humans.  
Application : It helps in disease diagnosis, medical device development, and improving quality of life.  
Example:- The study of the organs of the digestive system.

Q5. How malaria is treated.

**Ans 1:** For the treatment of malaria, quinine extracted from the bark of Cinchona plant is used  
A part from quinine certain anti malarial drugs are also used for the treatment.

Q6. Define the term fossil.

**Ans 1:** Fossils are remains of the living things preserved by natural process. Fossils help the study of life in the past and process of evolution.

Q7. What is meant by farming? what qualification is required for farming.

**Ans 1:** The professionals of farming prepare farms e.g. animal farms, poultry farms. fruit farms.  
a 4-year BS degree in agriculture or specific farming courses is required for this Profession.