



Topics Covered for the Biology Entrance Exam

- Regulation of glucose and blood pressure in the body.
- Themes of Biology and Evolution.
- Metabolism and the different forms of energy.
- Organic compounds: carbohydrates, lipids, proteins and nucleic acids.
- Eukaryotic and prokaryotic cells (structure and function of each organelle).
- Membrane structure and function (different pumps, channels, osmosis, diffusion, transport mechanisms etc...).
- Cell cycle, mitosis and meiosis.
- Mode and patterns of inheritance, transmission of genes from the parents to the offspring.