



2020 Syllabus

Objective: to provide a general idea about the concepts that may appear in the competition

Scope: the syllabus covers the major concepts that are critical to holistic understanding of Biology.

What it is not: the syllabus is not meant to be exhaustive or detailed.

	Areas	Concepts
	1.Cells	Organelles Metabolism Macromolecules Energy Transport Function
	2.Genetics	Information Heredity Central dogma Reproduction Conservation Evolution Diversity
	3.Plants	Structure Life cycle Stimuli Food Systematics
	4.Animals	Organ system Organization Homeostasis Metabolism

	5. Ecology	Ecosystem Environment Diversity Interdependence Organization
	6. Others	Anything not covered by the main areas and concepts