

	Total Number Correct	Total Number Possible
The Cell	4	6
Molecular Basis of Heredity	6	8
Biological Evolution	3	4
Interdependence of Organisms	2	3
Matter, Energy, and Organizations in Living Systems	2	4
Behavior of Organisms	4	5
Total Biology Score	21	30

Assessment Content Descriptors

*Below are descriptions of the content associated with the **Biology End-of-Course Test**.*

The Cell

Topics may include cell types, cell components and their functions, cellular processes, the cell cycle.

Molecular Basis of Heredity

Topics may include DNA, RNA, chromosomes, reproduction, genes, alleles, Punnett square, genotype, phenotype, mutations.

Biological Evolution

Topics may include diversity of organisms, descent from common ancestors, natural selection, survival and reproductive success, genetic variation, biological classification.

Interdependence of Organisms

Topics may include symbiotic interactions, competition, predation, population, community, food chains, food webs, direction of energy flow.

Matter, Energy, and Organizations in Living Systems

Topics may include the Sun as the primary source of energy for life, metabolism, ATP, enzymes as catalysts of biological reactions, conservation of matter and energy.

Behavior of Organisms

Topics may include innate behavior, learning, nervous system, behavioral responses to external and internal stimuli.