

Notes:

		Selected-response questions (approx.)	Constructed-response assignments					
Test I (Test Code 026)	CELL STRUCTURE AND PROCESSES		30	1				
	0001	Understand cell structure and function.						
	0002	Understand the basic chemical components and reactions of cells.						
	0003	Understand the physiological processes of cells.						
	0004	Understand the processes of cell division, growth, and differentiation.						
	HEREDITY AND EVOLUTION		30	1				
	0005	Understand the principles of heredity.						
	0006	Understand the molecular basis of genetics and genetic engineering.						
	0007	Understand principles of taxonomy and classification in biology.						
	0008	Understand the theory, evidence, and mechanisms of evolution.						
Test II (Test Code 027)	CHARACTERISTICS OF ORGANISMS		24	0				
	0009	Understand reproduction, development, and life cycles of living organisms.						
	0010	Understand the structures, organization, and functions of systems in organisms.						
	0011	Understand how organisms obtain, store, and use matter and energy.						
	0012	Understand the structure and function of the human body.						
	ECOSYSTEMS		18	1				
	0013	Understand populations and communities.						
	0014	Understand the flow of matter and energy through ecosystems.						
	0015	Understand types and characteristics of ecosystems and biomes and factors affecting their change over time.						
	CHARACTERISTICS OF SCIENCE		18	1				
	0016	Understand the characteristics of scientific knowledge and the process of scientific inquiry.						
	0017	Understand scientific tools, instruments, materials, and safety practices.						
0018	Understand the skills and procedures for analyzing and communicating scientific data.							