ACT® International Subject Tests

Student Name:	Merolla Toulba	**School**:	New Quds international schools	**Exam:**	ACT® International Subject Test - Biology
Student ID:	23669	**Test Date:**	Dec 07 2024, 8:27 am local time	**Test Site:**	New El Quds International School, School Street, off Ring Road-Miami, Alexandria, Egypt

Your Score:
36
Scale Score Range
1 - 36

ACT® International Subject Test - Biology Course Objectives and Subscore

Subscores	Points Received/Possible Points
Biology Process	12 of 12 (100%)
Biochemistry; Cell	16 of 16 (100%)
Genetics; Evolution	23 of 23 (100%)
Animal/Plant Systems and Ecology	19 of 19 (100%)

01 Biology Process

- Demonstrate knowledge of inquiry techniques
- Use mathematics & measurement; use graphical & mathematical models
- Identify criteria necessary to characterize life; define biological organization levels

02 Biochemistry; Cell

- Describe atomic structure, bonding between atoms, organic & inorganic compounds, enzymes & ATP
- Explain properties of water & describe pH of a solution
- Identify cell types & describe functions of cellular organelles
- Describe movement of substances into & out of cells
- Describe cellular respiration
- Describe cell division & mitosis

03 Genetics; Evolution

- Describe basic structure & function of DNA, RNA & proteins
- Describe meiosis
- Use correct terminology when working with genetic crosses
- Define evolution & theory of natural selection
- Identify requirements to be a species
- Explain shared evolutionary relationships between organisms

04 Animal/Plant Systems and Ecology

- Describe types of animal & plant cells & tissues; describe photosynthesis
- Identify taxonomic levels of organism classification; explain binomial nomenclature
- Define ecological levels of organization; describe influence of biotic & abiotic factors on biome type
- Describe energy flow through ecosystems using food webs, food chains & pyramids
- Describe population growth patterns & carrying capacity
- Explain ecological succession