

Study for those 9 scored biology questions for your TEAS exam with your TEAS 7 Online Course!

Here is what to study & know!

Macromolecules

- ✓ For each type of macromolecule, know
 - Its structure
 - Types of each and any classifications
 - Function or roles
 - Functional unit
 - Examples
 - How it impacts human body and function
- ✓ Hydrolysis
- ✓ Dehydration synthesis
- ✓ Condensation synthesis
- ✓ Metabolism and its pathways
- ✓ Understand how macromolecules and the metabolism process and cellular respiration connect
- ✓ Understand how nucleic acids and DNA connect

Microorganisms

- ✓ For each type of microorganism, know:
- ✓ Their cellular structure
- ✓ How they reproduce
- ✓ Diseases they cause and examples
- ✓ Distinctive characteristics
- ✓ Examples of infectious diseases
- ✓ Examples of non-infectious diseases
- ✓ 4 Types of disease transmission and examples of each
- ✓ Light vs electron microscope
 - Usages and pros and cons

Cells: Function & Type

- ✓ Cell theory
- ✓ Prokaryotes vs Eukaryotes
 - Know their size, nucleus, and organelles
- ✓ Plant cells vs animal cells
 - Know all of their organelles
- ✓ Autotrophs vs heterotrophs

Cellular Respiration

- ✓ Cellular respiration formula
- ✓ ATP
- ✓ Reactions of cellular respiration
 - Glycolysis
 - Oxidation of pyruvate
 - Citric acid cycle
- ✓ Electron Transport Chain
- ✓ Photosynthesis
- ✓ Calvin cycle

Cellular Reproduction

- ✓ Asexual reproduction
- ✓ Binary fission
- ✓ Sexual reproduction
- ✓ Mitosis and its 4 phases
- ✓ Meiosis and its 2 phases
- ✓ Cell cycle
 - Interphase
 - G_1 , S, and G_2
 - M Phase
- ✓ Understand mitosis vs meiosis
- ✓ Understand what happens in each phase of mitosis and meiosis
- ✓ Understand the products of mitosis and meiosis

Genetics and DNA

- ✓ Punnett Squares
- ✓ Mendel's Theory of Heredity
- ✓ Chromosomes DNA
- ✓ Central Dogma
 - Replication
 - Transcription
 - Translation
- ✓ RNA

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Nursing

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