

Pathophysiology Test Bank With Question And Answers 2023 Verified Complete Solution

The nucleus _____, which is essential for function and survival of the cell. correct answers: contains the genetic code

Although energy is not made in mitochondria, they are known as the "power plants" of the cell because they: correct answers: extract energy from organic compounds

Although the basic structure of the cell plasma membrane is formed by a lipid bilayer, most of the specific membrane functions are carried out by correct answers: bound and transmembrane proteins

To effectively relay signals, cell-to-cell communication utilizes chemical messenger systems that correct answers: release secretions into extracellular fluid

Aerobic metabolism, also known as oxidative metabolism, provides energy by correct answers: combining hydrogen and oxygen to form water

Exocytosis, the reverse of endocytosis, is important in _____ into the extracellular fluid. correct answers: removing cellular debris and releasing synthesized substances

The process responsible for generating and conducting membrane potentials is correct answers: diffusion of current-carrying ions

Epithelial tissues are classified according to the shape of the cells and the number of layers. Which of the following is a correctly matched description and type of epithelial tissue? correct answers: Glandular epithelium: arise from surface epithelia and underlying connective tissue

Connective tissue contains fibroblasts that are responsible for correct answers: synthesis of collagen, elastin, and reticular fibers

Although all muscle tissue cells have some similarities, smooth muscle (also known as involuntary muscle) differs by: correct answers: having dense bodies attached to actin filaments

Which of the following aspects of the function of the nucleus is performed by ribosomal RNA (rRNA)? correct answers: Providing the site where protein synthesis occurs

Breakdown and removal of foreign substances and worn out cell parts are performed by which of the following organelles? correct answers: Lysosomes

Impairment in the function of peroxisomes would result in correct answers: accumulation of free radicals in the cytoplasm

After several months of trying to conceive, a couple is undergoing fertility testing. Semen analysis indicates that the man's sperm have decreased motility, a finding that is thought to underlie the couple's

Pathophysiology Test Bank Question And Answer

David Kirk



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