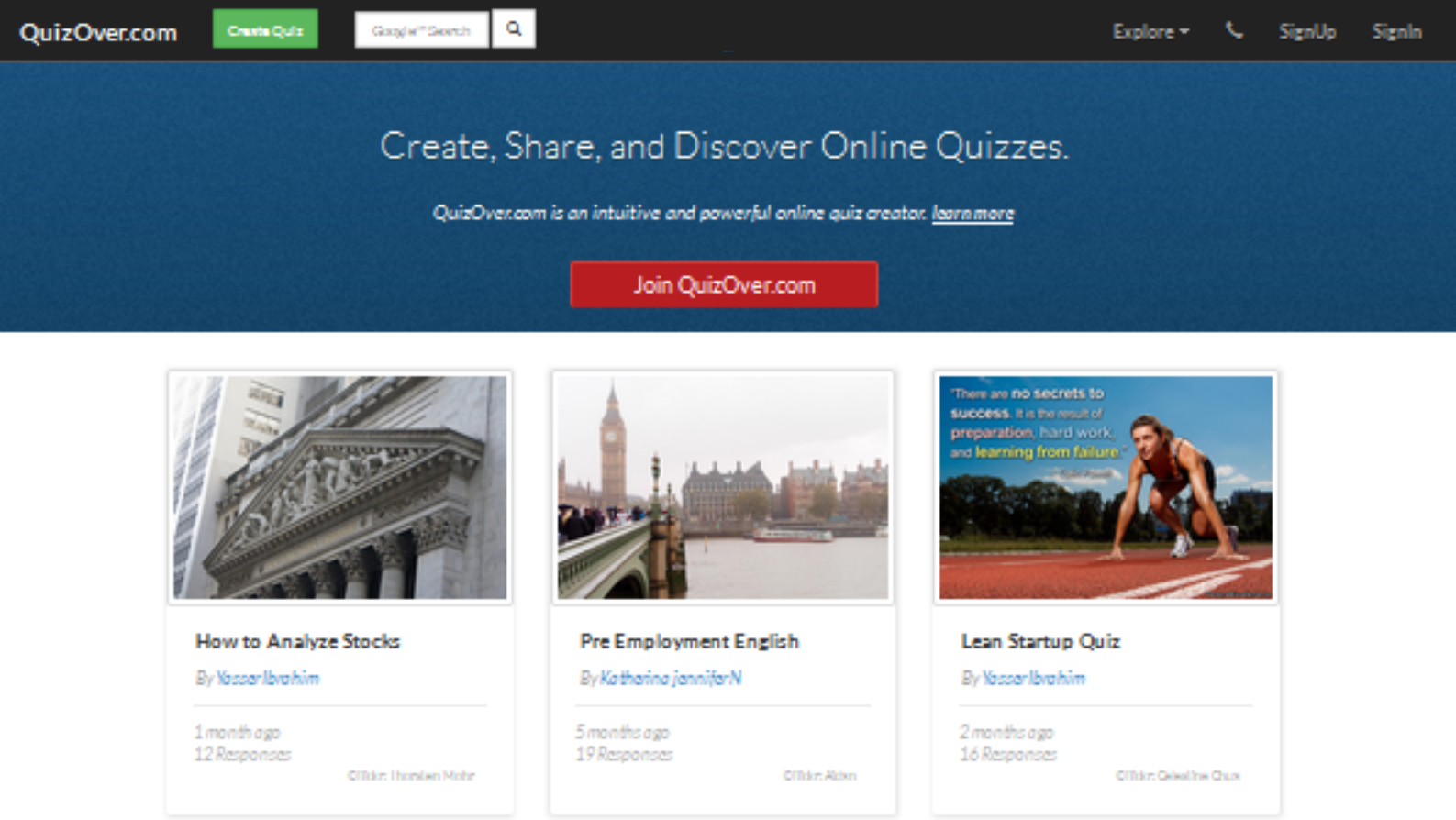
Medicine Anatomy & Physiology

Author: Jemekia Weeden



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4. Chapter: Anatomy & Physiology

1. Anatomy & Physiology Questions

4.1.1. What are the basic tenets of cell theory?

Author: Jemekia Weeden

What are the basic tenets of cell theory?

Please choose all the answers that apply:

- The cell is the simplest structural and functional unit of life.
- All organisms are composed of cells and cell products.
- An organism's structure and functions are due to the activities of its cells.
- Cells come only from the reproduction of existing cells.
- Cells of all species have many fundamental similarities.

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4.1.2. Which protein passes completely through the membrane, is composed m...

Author: Jemekia Weeden

Which protein passes completely through the membrane, is composed mostly of glycoproteins, and is very important in nerve signal and muscle concentration?

Please choose only one answer:

- Peripheral
- Transmembrane
- Transmembrane

Check the answer of this question online at QuizOver.com:
Question: Which protein passes completely through Jemekia Weeden Anatomy and

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4.1.3. Which protein has some channels that are always open and some that ...

Author: Jemekia Weeden

Which protein has some channels that are always open and some that open and close in response to stimuli?

Please choose only one answer:

- Transmembrane
- Peripheral

4.1.4. Which protein adheres to the membrane surface and is anchored to th...

Author: Jemekia Weeden

Which protein adheres to the membrane surface and is anchored to the cytoskeleton?

Please choose only one answer:

- Transmembrane
- Peripheral

4.1.5. What percentage of molecules in the plasma membrane are lipids?

Author: Jemekia Weeden

What percentage of molecules in the plasma membrane are lipids?

Please choose only one answer:

- 89%
- 93%
- 98%
- 75%

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Question: What percentage of molecules in the plasma Jemekia Weeden Anatomy

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4.1.6. What percentage of Phospholipids make up the plasma membrane?

Author: Jemekia Weeden

What percentage of Phospholipids make up the plasma membrane?

Please choose only one answer:

- 75%
- 20%
- 5%

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4.1.7. What percentage of Cholesterol makes up the plasma membrane?

Author: Jemekia Weeden

What percentage of Cholesterol makes up the plasma membrane?

Please choose only one answer:

- 75%
- 20%
- 5%

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4.1.8. What percentage of Glycopolids make up the plasma membrane?

Author: Jemekia Weeden

What percentage of Glycopolids make up the plasma membrane?

Please choose only one answer:

- 75%
- 20%
- 5%

Check the answer of this question online at QuizOver.com:
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4.1.9. The Glycolax

Author: Jemekia Weeden

The Glycolax

Please choose only one answer:

- Enables the immune system to recognize and attack invaders, forms the basis of compatibility for tissue or organ transplants, and binds cells together so tissues do not fall apart.
- Found in the respiratory tract, brain ventricles, and reproductive system.
- Found in inner ear, retina, and nasal cavity.
- Allows for the secretion and/or replacement of plasma membrane
- Transports substances across a cell.

4.1.10. Extensions of plasma membrane. Increase surface area for absorptio...

Author: Jemekia Weeden

Extensions of plasma membrane.

Increase surface area for absorption on some cell types.

Some contain a protein called actin which assists in transporting absorbed substances.

Please choose only one answer:

- Flagella
- Cilia
- Motile Cilia
- Microvilli
- Sensory Cilia

4.1.11. Single, non-motile cilium found on nearly every cell.
Hair-like pr...

Author: Jemekia Weeden

Single, non-motile cilium found on nearly every cell.

Hair-like process.

Please choose only one answer:

- Flagella
- Cilia
- Motile Cilia
- Microvilli
- Sensory Cilia

Check the answer of this question online at QuizOver.com:
Question: Single non-motile cilium found on nearly Jemekia Weeden Anatomy Quest

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4.1.12. Found in respiratory tract, brain ventricles, and reproductive syst...

Author: Jemekia Weeden

Found in respiratory tract, brain ventricles, and reproductive system.

Movement consists of power strokes followed by recovery strokes.

Please choose only one answer:

- Sensory cilia
- Microvilli
- Motile cilia
- Flagella
- Cilia

4.1.13. Found in inner ear, retina, and nasal cavity.

Author: Jemekia Weeden

Found in inner ear, retina, and nasal cavity.

Please choose only one answer:

- Sensory cilia
- Microvilli
- Flagella
- Motile cilia
- Cilia

Check the answer of this question online at QuizOver.com:
Question: Found in inner ear retina and nasal cavity Jemekia Weeden Anatomy

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4.1.14. Whip-like structure with axoneme, identical to cilium.
It's only f...

Author: Jemekia Weeden

Whip-like structure with axoneme, identical to cilium.

It's only function is the tail of sperm in the human body.

Please choose only one answer:

- Microvilli
- Flagella
- Microtubules
- Intermediate filaments
- Endosteum

4.1.15. The measure of the kinetic energy of particles.

Author: Jemekia Weeden

The measure of the kinetic energy of particles.

Please choose only one answer:

- Molecular weight
- Temperature
- Permeability
- "Steepness"

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4.1.16. The concentration difference between two points.

Author: Jemekia Weeden

The concentration difference between two points.

Please choose only one answer:

- Membrane permeability
- Molecular weight
- "Steepness" of concentrated gradient

4.1.17. Aquaporins

Author: Jemekia Weeden

Aquaporins

Please choose only one answer:

- Move one solute across plasma membrane at a time.
- Are made of keratin and occupy most of the cytoplasm.
- Engulf large particles - "Cell eating"
- Channel proteins specialized for osmosis (allow water to cross).

Check the answer of this question online at QuizOver.com:
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4.1.18. Tonicity

Author: Jemekia Weeden

Tonicity

Please choose only one answer:

- High concentration of non-permeating solutes.
- Ability of a solution to affect fluid volume and movement within a cell.
- Transport of solute across membrane - down its concentration gradient.

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4.1.19. Low concentration of non-permeation solutes.
High water concentrat...

Author: Jemekia Weeden

Low concentration of non-permeation solutes.

High water concentration.

Cells absorb water, swell, and may burst.

Please choose only one answer:

- Isotonic
- Hypertonic
- Hypotonic

4.1.20. Total concentration of non-permeating solutes is the same.
Causes ...

Author: Jemekia Weeden

Total concentration of non-permeating solutes is the same.

Causes no change in cell volume or shape.

Saline

Please choose only one answer:

- Isotonic
- Hypotonic
- Hypertonic

4.1.21. High concentration of non-permeating solutes.
Low water concentrat...

Author: Jemekia Weeden

High concentration of non-permeating solutes.

Low water concentration.

Cells lose water and shrivel.

Please choose only one answer:

- Hypertonic
- Hypotonic
- Isotonic

Check the answer of this question online at QuizOver.com:
Question: High concentration of non-permeating Jemekia Weeden Anatomy and Quest

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4.1.22. Moves one solute across plasma membranes at a time

Author: Jemekia Weeden

Moves one solute across plasma membranes at a time

Please choose only one answer:

- Symport
- Antiport
- Uniport

Check the answer of this question online at QuizOver.com:
Question: Moves one solute across plasma membranes Jemekia Weeden Anatomy Quest

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4.1.23. Moves two or more solutes in opposite directions.
Counter-transport.

Author: Jemekia Weeden

Moves two or more solutes in opposite directions.

Counter-transport.

Please choose only one answer:

- Antiport
- Uniport
- Symport

Check the answer of this question online at QuizOver.com:
Question: Moves two or more solutes in opposite Jemekia Weeden Anatomy and

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4.1.24. Moves two or more solutes simultaneously in same direction.

Co-tra...

Author: Jemekia Weeden

Moves two or more solutes simultaneously in same direction.

Co-transport.

Please choose only one answer:

- Uniport
- Antiport
- Symport

Check the answer of this question online at QuizOver.com:
Question: Moves two or more solutes simultaneously Jemekia Weeden Anatomy Quest

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4.1.25. Indirectly depends on ATP

Author: Jemekia Weeden

Indirectly depends on ATP

Please choose only one answer:

- Secondary transport
- Facilitated diffusion
- Primary active transport

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4.1.26. Transport of solute across membrane - DOWN - its concentration grad...

Author: Jemekia Weeden

Transport of solute across membrane - DOWN - its concentration gradient.

NO ATP used

Please choose only one answer:

- Facilitated diffusion
- Primary active transport
- Secondary transport

Check the answer of this question online at QuizOver.com:
Question: Transport of solute across membrane - DOWN Jemekia Weeden Anatomy

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4.1.27. Transport of solute through cell membrane - AGAINST - its concentra...

Author: Jemekia Weeden

Transport of solute through cell membrane - AGAINST - its concentration gradient.

Requires energy provided by ATP.

Enables cell to absorb amino acids that are already more concentrated in the cytoplasm than in the ECF.

Please choose only one answer:

- Secondary transport
- Facilitated diffusion
- Primary active transport

Check the answer of this question online at QuizOver.com:
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4.1.28. Transport out of cell.

Allows secretion and/or replacement of plasma.

Author: Jemekia Weeden

Transport out of cell.

Allows secretion and/or replacement of plasma.

Please choose only one answer:

- Transcytosis
- Receptor-mediated endocytosis
- Pinocytosis
- Phagocytosis
- Exocytosis

Check the answer of this question online at QuizOver.com:
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4.1.29. Engulfing large particles.
"Cell-eating"

Author: Jemekia Weeden

Engulfing large particles.

"Cell-eating"

Please choose only one answer:

- Transcytosis
- Receptor-mediated endocytosis
- Pinocytosis
- Phagocytosis
- Exocytosis

4.1.30. Taking in fluid droplets "Cell-drinking" Occurs in all human cells

Author: Jemekia Weeden

Taking in fluid droplets

"Cell-drinking"

Occurs in all human cells

Please choose only one answer:

- Pinocytosis
- Phagocytosis
- Exocytosis
- Transcytosis
- Receptor-mediated endocytosis

4.1.31. Taking in specific molecules bound to receptors.
Receptors provide...

Author: Jemekia Weeden

Taking in specific molecules bound to receptors.

Receptors provide specifity.

Result in a clathrin-coated vesicle in cytoplasm.

**Uptake of LDL from bloodstream occurs this way*

Some viruses use this method to enter cells such as Aids and Polio

Please choose only one answer:

- Exocytosis
- Pinocytosis
- Receptor-mediated endocytosis
- Phagocytosis
- Transcytosis

4.1.32. Transport of a substance across a cell.

Author: Jemekia Weeden

Transport of a substance across a cell.

Please choose only one answer:

- Receptor-mediated endocytosis
- Transcytosis
- Pinocytosis
- Exocytosis
- Phagocytosis

Check the answer of this question online at QuizOver.com:
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4.1.33. Form the axonemes of cilia and flagella and the mitotic spindle tha...

Author: Jemekia Weeden

Form the axonemes of cilia and flagella and the mitotic spindle that guides chromosome movement during cell division.

Not permanent structures.

25 nm thick

Cylinder made of 13 parallel strands called protofilaments.

Responsible for their beating m

Please choose only one answer:

- Microtubules
- Intermediate filaments
- Microfilaments

4.1.34. About 6nm thick Made of actin protein Form a fibrous mat called t...

Author: Jemekia Weeden

About 6nm thick

Made of actin protein

Form a fibrous mat called the terminal web (membrane skeleton) on the cytoplasmic side of the plasma membrane.

Please choose only one answer:

- Microtubules
- Microfilaments
- Intermediate filaments.

4.1.35. 8-10 nm

Give the cell its shape, resist stress, and participate in...

Author: Jemekia Weeden

8-10 nm

Give the cell its shape, resist stress, and participate in junctions that attach cells to their neighbors.

In epidermal cells they are made of keratin and occupy most of the cytoplasm.

Responsible for the strength of hair and fingernails.

Please choose only one answer:

- Microtubules
- Intermediate filaments
- Microfilaments

4.1.36. The material in the nucleus.
Includes chromatin - fine threadlike ...

Author: Jemekia Weeden

The material in the nucleus.

Includes chromatin - fine threadlike matter composed of DNA and protein.

Please choose only one answer:

- Nucleus
- Nuclear envelope
- Nucear pores
- Nuclear lamina
- Nucleoplasm

4.1.37. Narrow but densely fibrous zone immediately inside the nuclear enve...

Author: Jemekia Weeden

Narrow but densely fibrous zone immediately inside the nuclear envelope.

Supports the nuclear envelope and pores, points of attachment and organization for the chromosomes inside the nucleus, and plays a role in regulating the cell life cycle.

Abnormalities of its structure or function are associated with certain genetic diseases and premature cell death.

Please choose only one answer:

- Nuclear lamina
- Nucleoplasm
- Nucleus
- Nuclear pores

4.1.38. 30 to 100 nm in diameter
Formed by a ring proteins which regulate ...

Author: Jemekia Weeden

30 to 100 nm in diameter

Formed by a ring proteins which regulate molecular traffic through the envelope and hold the two membranes together.

Hundred of molecules pass through everyday.

Please choose only one answer:

- Nucleus
- Nuclear envelope
- Nuclear pores
- Nucleoplasm
- Nuclear lamina

4.1.39. Double membrane surrounding the nucleus.

Author: Jemekia Weeden

Double membrane surrounding the nucleus.

Please choose only one answer:

- Nucleoplasm
- Nuclear lamina
- Nuclear pores
- Nuclear envelope

Check the answer of this question online at QuizOver.com:
Question: Double membrane surrounding the nucleus. Jemekia Weeden Anatomy Quest

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4.1.40. Particles composed of protein and RNA.
Found in nucleoli, free in ...

Author: Jemekia Weeden

Particles composed of protein and RNA.

Found in nucleoli, free in cytosol, in mitochondria, and on ROUGH ER.

Produces proteins according to information contained in messenger RNA.

Please choose only one answer:

- Fibroblasts
- Mitochondria
- Ribosomes
- Peroxisomes
- Lysosomes

4.1.41. Parallel flattened sac covered with ribosomes.
Continuous with nuc...

Author: Jemekia Weeden

Parallel flattened sac covered with ribosomes.

Continuous with nuclear envelope and smooth ER.

Please choose only one answer:

- Smooth ER
- Rough ER
- Golgi complex
- Nucleoplasm
- Adipocytes

Check the answer of this question online at QuizOver.com:
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4.1.42. Responsible for synthesis of packaged proteins, phospholipids, and ...

Author: Jemekia Weeden

Responsible for synthesis of packaged proteins, phospholipids, and proteins of plasma membrane.

Please choose only one answer:

- Smooth ER
- Lysosomes
- Cilia
- Rough ER
- Nuclear envelope

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4.1.43. Lacks ribosomes. Continuous with rough ER. Cisternae are more tub...

Author: Jemekia Weeden

Lacks ribosomes.

Continuous with rough ER.

Cisternae are more tubular and branching.

Please choose only one answer:

- Smooth ER
- Golgi apparatus
- Rough ER
- Centrosomes
- Nucleus

4.1.44. Responsible for detoxification of some substances, calcium storage,...

Author: Jemekia Weeden

Responsible for detoxification of some substances, calcium storage, and synthesis of membranes, steroids, and lipids.

Please choose only one answer:

- Lysosomes
- Chromatids
- None of the above
- Smooth ER
- Peroxisomes

4.1.45. Lysomes

Author: Jemekia Weeden

Lysomes

Please choose all the answers that apply:

- Abundant in liver and kidneys.
- Neutralize free radicals.
- Breakdown fatty acids into acetyl groups for mitochondrial use.
- Digest phagocytized bacteria.
- Package of enzymes in a single unit membrane.

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4.1.46. Peroxisomes

Author: Jemekia Weeden

Peroxisomes

Please choose all the answers that apply:

- Resemble lysosomes but contain different enzymes.
- In all cells but abundant in liver and kidneys.
- Package of enzymes in a single unit membrane.
- Digest phagocytized bacteria
- Neutralize free radicals and use water, oxygen, and catalase enzymes to oxidize organic molecules.

Check the answer of this question online at QuizOver.com:
Question: Peroxisomes Jemekia Weeden Anatomy and Physiology 1 Quest

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http://www.quizover.com/flashcards/question-peroxisomes-jemekia-weeden-anatomy-and-physiology-1-quest?pdf=1505

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http://www.quizover.com/question/question-peroxisomes-jemekia-weeden-anatomy-and-physiology-1-quest?pdf=1505

4.1.47. Autophagy

Author: Jemekia Weeden

Autophagy

Please choose only one answer:

- Digestion of worn out organelles
- Programmed cell death

Check the answer of this question online at QuizOver.com:
Question: Autophagy Jemekia Weeden Anatomy and Physiology 1 Quest

Flashcards:
http://www.quizover.com/flashcards/question-autophagy-jemekia-weeden-anatomy-and-physiology-1-quest?pdf=1505

Interactive Question:
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4.1.48. Autolysis

Author: Jemekia Weeden

Autolysis

Please choose only one answer:

- Digestion of worn out organelles.
- Programmed cell death.

Check the answer of this question online at QuizOver.com:
Question: Autolysis Jemekia Weeden Anatomy and Physiology 1 Quest

Flashcards:
http://www.quizover.com/flashcards/question-autolysis-jemekia-weeden-anatomy-and-physiology-1-quest?pdf=1505

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4.1.49. Double unit membrane that processes products of glycolysis and stor...

Author: Jemekia Weeden

Double unit membrane that processes products of glycolysis and stores energy.

Have their own genome.

Circular DNA molecule with 16,569 basepairs.

Lack repair mechanism - more susceptible to oxidative damage than nuclear DNA.

Please choose only one answer:

- Centrioles
- Mitochondrion
- Inclusions

4.1.50. Short cylindrical assembly of microtubules (9 groups of 3).
Plays ...

Author: Jemekia Weeden

Short cylindrical assembly of microtubules (9 groups of 3).

Plays an important role in mitosis.

Forms cilia.

Please choose only one answer:

- Inclusions
- Mitochondrion
- Centrioles

4.1.51. What type of epithelia is characterized by a single row of flat cells.

Author: Jemekia Weeden

What type of epithelia is characterized by a single row of flat cells.

Please choose only one answer:

- Transitional
- Simple squamous
- Stratified cuboidal
- Stratified squamous
- Pseudostratified columnar

Check the answer of this question online at QuizOver.com:
Question: What type of epithelia is characterized Jemekia Weeden Anatomy and

Flashcards:
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Interactive Question:
http://www.quizover.com/question/question-what-type-of-epithelia-is-characterized-jemekia-weeden-anatom?pdf=1505

4.1.52. In what locations do we find simple squamous epithelia?

Author: Jemekia Weeden

In what locations do we find simple squamous epithelia?

Please choose all the answers that apply:

- Alveoli
- Upper respiratory tract
- Ureter and bladder
- Glomeruli
- Endolithium and serosa

4.1.53. What type of epithelium is characterized by a single row of cube sh...

Author: Jemekia Weeden

What type of epithelium is characterized by a single row of cube shaped cells with microvilli.

Please choose only one answer:

- Simple squamous
- Simple cuboidal
- Stratified squamous
- Stratified cuboidal
- Simple columnar

Check the answer of this question online at QuizOver.com:
Question: What type of epithelium is characterized Jemekia Weeden Anatomy Quest

Flashcards:
http://www.quizover.com/flashcards/question-what-type-of-epithelium-is-characterized-jemekia-weeden-anato?pdf=1505

Interactive Question:
http://www.quizover.com/question/question-what-type-of-epithelium-is-characterized-jemekia-weeden-anato?pdf=1505

4.1.54. We find simple cuboidal epithelia in the....

Author: Jemekia Weeden

We find simple cuboidal epithelia in the....

Please choose all the answers that apply:

- Liver and kidney tubules
- Mammary and saliva glands
- Esophagus
- Tongue and oral mucosa
- Bronchioles

4.1.55. What type of epithelia is characterized by a single row of tall nar...

Author: Jemekia Weeden

What type of epithelia is characterized by a single row of tall narrow cells with an oval nuclei in the basal half of the cell?

Please choose only one answer:

- Transitional
- Simple columnar
- Simple squamous
- Pseudostratified columnar
- Stratified cuboidal

4.1.56. We find simple columnar epithelia

Author: Jemekia Weeden

We find simple columnar epithelia

Please choose all the answers that apply:

- Lining the GI tract (stomach and intestines)
- Upper respiratory system
- In the uterus
- Ureter and bladder
- Epidermis

Check the answer of this question online at QuizOver.com:
Question: We find simple columnar epithelia Jemekia Weeden Anatomy and Quest

Flashcards:
http://www.quizover.com/flashcards/question-we-find-simple-columnar-epithelia-jemekia-weeden-anatomy-and-?pdf=1505

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http://www.quizover.com/question/question-we-find-simple-columnar-epithelia-jemekia-weeden-anatomy-and-?pdf=1505

4.1.57. Pseudostratified Columnar epithelia is characterized by

Author: Jemekia Weeden

Pseudostratified Columnar epithelia is characterized by

Please choose only one answer:

- Single row of cells - some don't reach cell surface.
  Nuclei give layer a stratified look.
- SIngle row - tall narrow cells.
- 2 or more cell layers of square surface cells.
- Single row of cube shaped cells with microvilli.

4.1.58. Pseudostratified columnar epithelium is found in

Author: Jemekia Weeden

Pseudostratified columnar epithelium is found in

Please choose only one answer:

- ureter and bladder
- kidney tubules
- upper respiratory tract
- inner ear
- tongue and oral mucosa

4.1.59. Which connective tissue fiber is: white, tough, stretch resistant y...

Author: Jemekia Weeden

Which connective tissue fiber is: white, tough, stretch resistant yet flexible

located in the tendons, ligaments and deep layer of skin?

Please choose only one answer:

- Elastic
- Reticular
- Collagen

4.1.60. Which connective tissue fiber is coated with glycoprotein and is th...

Author: Jemekia Weeden

Which connective tissue fiber is coated with glycoprotein and is the framework of the spleen and lymph nodes?

Please choose only one answer:

- Elastic
- Reticular
- Collagen

Check the answer of this question online at QuizOver.com:
Question: Which connective tissue fiber is coated Jemekia Weeden Anatomy and

Flashcards:
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4.1.61. Which connective tissue fiber is yellow, stretches and recoils like...

Author: Jemekia Weeden

Which connective tissue fiber is yellow, stretches and recoils like a rubber band, and is found in the skin, lungs and arteries?

Please choose only one answer:

- Elastic
- Collagen
- Reticular

4.1.62. Produce fibers and ground substance.

Author: Jemekia Weeden

Produce fibers and ground substance.

Please choose only one answer:

- Adipocytes
- Mast cells
- Plasma cells
- Fibroblasts
- Macrophages

Check the answer of this question online at QuizOver.com:
Question: Produce fibers and ground substance. Jemekia Weeden Anatomy

Flashcards:
http://www.quizover.com/flashcards/question-produce-fibers-and-ground-substance-jemekia-weeden-anatomy?pdf=1505

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http://www.quizover.com/question/question-produce-fibers-and-ground-substance-jemekia-weeden-anatomy?pdf=1505

4.1.63. Phagocytize foreign material and activate the immune system.

Author: Jemekia Weeden

Phagocytize foreign material and activate the immune system.

Please choose only one answer:

- Fibroblasts
- Macrophages
- Neutrophils
- Mast cells
- Adipocytes

Check the answer of this question online at QuizOver.com:
Question: Phagocytize foreign material and activate Jemekia Weeden Anatomy

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Interactive Question:
http://www.quizover.com/question/question-phagocytize-foreign-material-and-activate-jemekia-weeden-anat?pdf=1505

4.1.64. Patrol in search of invading bacteria

Author: Jemekia Weeden

Patrol in search of invading bacteria

Please choose only one answer:

- Mast cells
- Adipocytes
- Neutrophils
- Plasma cells
- Macrophages

4.1.65. Synthesize antibodies
Arise from white blood cells

Author: Jemekia Weeden

Synthesize antibodies

Arise from white blood cells

Please choose only one answer:

- Plasma cells
- Mast cells
- Fibroblasts
- Adipocytes
- Neutrophils

4.1.66. Secrete heparin - inhibits clotting and Secrete histamine - dil...

Author: Jemekia Weeden

Secrete heparin - inhibits clotting and

Secrete histamine - dilates blood vessels

Please choose only one answer:

- Adipocytes
- Plasma cells
- Mast cells
- Fibroblasts
- Neutrophils

Check the answer of this question online at QuizOver.com:
Question: Secrete heparin - inhibits clotting and Jemekia Weeden Anatomy Quest

Flashcards:
http://www.quizover.com/flashcards/question-secrete-heparin-inhibits-clotting-and-jemekia-weeden-anatomy-?pdf=1505

Interactive Question:
http://www.quizover.com/question/question-secrete-heparin-inhibits-clotting-and-jemekia-weeden-anatomy-?pdf=1505

4.1.67. Store triglycerides

Author: Jemekia Weeden

Store triglycerides

Please choose only one answer:

- Fibroblasts
- Adipocytes
- Macrophages
- Plasma cells
- Mast cells

Check the answer of this question online at QuizOver.com:
Question: Store triglycerides Jemekia Weeden Anatomy and Physiology 1 Quest

Flashcards:
http://www.quizover.com/flashcards/question-store-triglycerides-jemekia-weeden-anatomy-and-physiology-1-q?pdf=1505

Interactive Question:
http://www.quizover.com/question/question-store-triglycerides-jemekia-weeden-anatomy-and-physiology-1-q?pdf=1505

4.1.68. Loose arrangement of fibers and cells in abundant ground substance....

Author: Jemekia Weeden

Loose arrangement of fibers and cells in abundant ground substance.

Underlies all epithelia, between muscles, passageways for nerves and blood vessels.

Please choose only one answer:

- Reticular
- Loose Areolar
- Dense regular
- Dense irregular
- Adipose

Check the answer of this question online at QuizOver.com:
Question: Connective Tissue Type Loose arrangement Jemekia Weeden Anatomy Quest

Flashcards:
http://www.quizover.com/flashcards/question-connective-tissue-type-loose-arrangement-jemekia-weeden-anato?pdf=1505

Interactive Question:
http://www.quizover.com/question/question-connective-tissue-type-loose-arrangement-jemekia-weeden-anato?pdf=1505

4.1.69. Loose network of reticular fibers and cells.
Forms supportive stro...

Author: Jemekia Weeden

Loose network of reticular fibers and cells.

Forms supportive stroma for lymphatic organs.

Found in lymph nodes, spleen, thymus, and bone marrow.

Please choose only one answer:

- Areolar
- Reticular
- Adipose
- Dense regular
- Dense irregular

4.1.70. Empty-looking cells with thin margins - nucleus pressed against cel...

Author: Jemekia Weeden

Empty-looking cells with thin margins - nucleus pressed against cell membrane.

Energy storage, insulation, and cushioning.

Subcutaneous fat and organ packing.

Brown fat produces heat.

Please choose only one answer:

- Adipose
- Dense irregular
- Areolar
- Reticular
- Dense regular

Check the answer of this question online at QuizOver.com:
Question: Connective Tissue Type Empty-looking cells Jemekia Weeden Anatomy

Flashcards:
http://www.quizover.com/flashcards/question-connective-tissue-type-empty-looking-cells-jemekia-weeden-ana?pdf=1505

Interactive Question:
http://www.quizover.com/question/question-connective-tissue-type-empty-looking-cells-jemekia-weeden-ana?pdf=1505

4.1.71. Densely packed, parallel collagen fibers.
Tendons and ligaments ho...

Author: Jemekia Weeden

Densely packed, parallel collagen fibers.

Tendons and ligaments hold bones together and attach muscles to bones.

Please choose only one answer:

- Areolar
- Reticular
- Dense Regular
- Dense irregular
- Adipose

4.1.72. Randomly arranged, densely packed Collagen fibers and few visible ...

Author: Jemekia Weeden

Randomly arranged, densely packed

Collagen fibers and few visible cells.

Withstands stresses applied in different directions.

Deeper layer of skin - capsules around organs.

Please choose only one answer:

- Dense irregular
- Dense regular
- Adipose
- Reticular

4.1.73. Rubbery matrix, dispersed collagen fibers, clustered chondrocytes i...

Author: Jemekia Weeden

Rubbery matrix, dispersed collagen fibers, clustered chondrocytes in lacunae.

Found at ends of bones at moveable joints, sternal ends of ribs.

Supportive material in the larynx, trachea, bronchi, and fetal skeleton.

Dispersed

Please choose only one answer:

- Fibrocartilage
- Elastic
- Hyaline

4.1.74. Structurally similar to hyaline but with many prominent elastic fib...

Author: Jemekia Weeden

Structurally similar to hyaline but with many prominent elastic fibers.

Provides flexible, elastic support.

Found in external ear and epiglottis.

Please choose only one answer:

- Hyaline
- Elastic
- Fibrocartilage

Check the answer of this question online at QuizOver.com:
Question: Cartilag Structurally similar to hyaline Jemekia Weeden Anatomy Quest

Flashcards:
http://www.quizover.com/flashcards/question-cartilag-structurally-similar-to-hyaline-jemekia-weeden-anato?pdf=1505

Interactive Question:
http://www.quizover.com/question/question-cartilag-structurally-similar-to-hyaline-jemekia-weeden-anato?pdf=1505

4.1.75. Large bundles of collagen fibers. Resists compression and absorbs ...

Author: Jemekia Weeden

Large bundles of collagen fibers.

Resists compression and absorbs shock.

Found in pubic symphysis, meniscus, and intervertebral discs.

Please choose only one answer:

- Fibrocartilage
- Elastic
- Hyaline