

Physiology archive



which of the following matched pairs are NOT true? Select one:

- a. Bulk transport - Large materials or large quantities
- b. Phagocytosis - Endocytosis
- c. Pinocytosis - Cellular drinking
- d. Clathrin-coated vesicle in cytoplasm - Uptake of HDL from blood stream
- e. Lacking receptors mediated endocytosis – Hypercholesterolemia

Ans:d

2-Which of the following sentence is Not true regarding exocytosis? Select one:

- a. Does not require any extracellular signals like constitutive exocytosis
- b. Most molecules travelling to the plasma membrane by constitutive exocytosis
- c. Some exocytotic vesicles are incorporated into the plasma membrane (full vesicle fusion)
- d. Some exocytotic vesicles return to the interior of the cell after their contents have been released
- e. Releasing of neurotransmitters and hormones is a constitutive exocytosis

Ans:e

26-Which of the following matched pairs are NOT related to the active transport? Select one:

- a. Symport - Amino acids and glucose transport
- b. Sodium and Potassium Pump - Primary active transport
- c. Source of energy of secondary active transport - Energy developed by primary active transport
- d. Antiport - Exchange of H⁺ and Na⁺ in renal tubules
- e. Uniport - Simple diffusio

Ans:e

Which of the following sentences is NOT true? Select one:

- a. The extracellular fluid is divided into the interstitial fluid and the blood plasma
- b. Transcellular fluid considered to be a specialized type of extracellular fluid
- c. The Transcellular fluid includes fluid in the synovial and peritoneal space
- d. Intracellular fluid equals 1/3 of Total body water
- e. The Total body waler of persons weighs 70kg is approximately 42·

Ans:d

27-Regarding the transport from the LUMEN toward the BRUSH BORDER of the small intestine

Which of the following

matched pairs are NOT correct? Select one:

- a. Glucose and galactose - Secondary active transport with Na⁺
- b. Fructose – Facilitated diffusion
- c. Simple Amino Acids - Secondary active transport with Na⁺
- d. Di and Tri peptides - Secondary active transport with Na⁺
- e. Short chain Fatty acids -Simple diffusion

Ans:d

17-Which of the following matched pairs are NOT describing Active transport? Select one:

- a. Sodium Potassium Pump -Many body cells
- b. Calcium Pump - Membrane of sarcoplasmic reticulum
- c. Potassium hydrogen Pump -Gastrointestinal cell membrane
- d. Carrier protein - Acts as a channels
- e. Moves the substances - Against their chemical or electrical gradient

Ans:d