

Here are some example questions, just so you can see the sort of questions I write.

1. The critical properties of transport epithelium are:
 - a. tight junctions between cells
 - b. different permeability of cell membrane on opposite sides of the cell
 - c. different ion pumping capacity on opposite sides of the cell
 - d. A, B & C
 - e. None of the above

2. Which of the following could increase the rate of glomerular filtration in the kidney?
 - a. Constriction of the afferent arteriole to the glomerulus
 - b. Dilation (widening) of the afferent arteriole to the glomerulus
 - c. Constriction of the efferent arteriole from the glomerulus
 - d. Both a & c
 - e. Both b & c

3. If your urine has an unusually high concentration of large proteins (but is normal otherwise), what process is probably malfunctioning?
 - a. Filtration by the glomerulus
 - b. Reabsorption by the renal tubule
 - c. Secretion by the renal tubule
 - d. Solute-coupled transport