

## Membrane transport and regulation of the urinary system

### Answers

1. Apical
2. Tight
3. Aquaporins
4. Paracellular
5. Transport
  - a. Co-transport with sodium
  - b. Aquaporins and diffusion (and also paracellular)
  - c. Co-transport with sodium
6. Match hormone
  - a. PTH
  - b. Aldosterone
  - c. ADH
  - d. Aldosterone
7. Hypothalamus, adrenal cortex, atria
8. High, low
9. Juxtaglomerular cells, sodium
10. Angiotensinogen, liver
11. Angiotensin converting enzyme (ACE)
12. Decrease
13. Hypothalamus
14. vasoconstriction