

NEPHRON FUNCTIONAL UNIT

Student ID: _____

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STRUCTURE	PRIMARY FUNCTION	PERMEABILITY
1. Renal Corpuscle	Glomerular Filtration	High (Fenestrated)
2. Proximal Tubule	Reabsorption of Nutrients/Ions	H ₂ O, NaCl, Glucose
3. Loop of Henle	Countercurrent Multiplication	Desc: H ₂ O Asc: Ions
4. Distal Tubule	Selective Secretion/Reabsorption	Hormone Dependent
5. Collecting Duct	Urine Concentration	ADH Dependent (Aquaporins)

PHYSIOLOGY NOTES & EQUATIONS

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