III. THE EXCRETORY SYSTEM

1. type of waste eliminated:

A. Excretion in Invertebrates

1. cnidarians:

2. annelids / nephridia

3. arthropods / Malphighian tubules:

B. Excretion in Humans

1. kidneys (functions):

2. ureter:

3. urinary bladder:

4. urethra:

C. The Nephron

1. glomerulus:

2. renal pelvis:

D. How a Nephron Filters Blood

1. renal arteries:

2. high pressure sieve (filters cells out of blood)

3. filtrate collects in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. purpose of proximal tube, loop of Henle is to reabsorb \_\_\_\_\_\_\_\_\_\_.

5. distal tube function is to reclaim \_\_\_\_\_\_\_\_\_\_.

6. secretion:

7. ADH effect on collecting ducts:

8. aldosterone effect:

E. The Kidneys and Blood Pressure

1. renin:

2. angiotensin II:

