The Urinary System: Glomerular Filtration

1. W	That force drives filtration at the glomerulus?
2. G	clomerular filtration is a process of
driv	en by the of the blood.
3. C	ommon components of the filtrate are divided into four categories on the CD program. These include:
	a.
	b.
	c.
	d.
4. B	lood pressure in the glomerulus is about mmHg.
5. W	That two pressures oppose filtration and what are their values?
	a.
	b.
6. W	That is the normal net filtration pressure?mmHg
7. W	ith a glomerular filtration rate of 125 ml/min, how much plasma
	would be filtered per day? in 24 hours
8.	In an exercising individual the afferent arteriole will <u>dilate</u> or <u>constrict</u> (circle one) to avoid excess fluid loss.
9.	Two mechanisms that provide autoregulatory control over renal processes include:
	a.
	b.
10.	High osmolarity (or high Na^+ and Cl^-) in the ascending loop of Henle will cause afferent arterioles to <u>dilate</u> or <u>constrict</u> (circle one) by releasing
11.	In periods of extreme stress, the sympathetic nervous system will override autoregulation. An increase in sympathetic flow to the kidney will result in what two important effects that will aid maintenance of blood pressure?