

## **Exam 4 breakdown. (kidney, immune, repro)**

### **Ch 10 – kidney physiology (15 ques)**

3 on GFR regulation

3 on diuretics and where they act on nephron

2 on ADH and aldosterone and where they act on nephron

1 on creatine clearance

4 on autonomic regulation of detrusor muscle and proximal urethral sphincter

2 on kidney disorders

### **Ch 9 – immune physiology (15 ques)**

2 on general immune organs or cells of body

3 on external innate immunity

4 on internal innate immunity

2 on cell mediated immunity

1 on antibody mediated immunity

2 on classification of immunity into passive vs active

1 on sequence of immunity

### **Ch 15 – reproduction physiology (20 ques)**

3 on reproductive hormones (hCG, progesterone, prostaglandin)

1 on ED drugs

4 on tests for cancer (PSA, CA125, BRCA gene mutation, prostate cancer)

3 on ovarian & uterine cycle in menstrual cycle

1 on risks for ovarian cancer

3 on general male repro structures (cremaster, secretory glands, sperm transport tubes, etc...)

1 on spermatogenesis

1 on pituitary LH & FSH and their effects

2 on female reproductive disorders (ovarian & breast cancer, endometriosis, polycystic ovarian disorder, uterine fibroids)

1 on general female repro structures (cervix, uterus and its layers, clitoris, etc...)