

Kidney, Urinary and Reproductive System

Details

Flash Cards

Term

The urinary system is composed of

Definition

kidneys, ureters, bladder and urethra

Term

Define Nephrons

Definition

functional unit of the kidney what filtrates, re-absorbs or secretes

Term

the purpose of nephrons are

Definition

filter waste product and other substances from the blood

Term

aldosterone

Definition

Term

Functions of the kidneys

Definition

regulate the volume of body fluids, control rate of rbc formation, control blood pressure, regulate the absorption of calcium

Term

What Supplies blood to kidneys

Definition

renal arteries and veins

Term

Definition

name the kidneys two regions

outer cortex and inner medulla

Term

regions of the renal tubule are

Definition

**proximal tubule, loop of henle,
distal tubule, the collecting duct**

Term

**Urine is formed from a balance
between**

Definition

**glomerular filtration, tubular
secretion and tubular reabsorption**

Term

tubular reabsorption is the process

Definition

**Whereby substances are transported
out of the renal tubules into
intercellular fluid and into
peritubular capillaries and back into
the body or sent to the bladder**

Term

**name the substances generally
reabsorbed in the proximal tubular
PCT**

Definition

**glucose, water, amino acids,
electrolytes of sodium, lactic.**

Term

substances secreted into the DCT

Definition

potassium ions, hydrogen ions

Term

**substances generally reabsorbed in
the DCT of the renal tubule**

Definition

sodium, water

Term

Definition

urine is what percentage of water

95

Term

electrolytes are

Definition

excess potassium and calcium

Term

**movement of the urine through the
uterter is by what**

Definition

peristalsis

Term

the urinary bladder is

Definition

**a hollow distensible organ within
the pelvic cavity**

Term

define Trigon

Definition

**Triangular area on the floor of the
urinary bladder**

Term

**name the 4 layers of the urinary
bladder**

Definition

**inner mucus layer,
sub-mucus layer,
muscle layer,
outermost serous layer**

Term

define the urethra

Definition

**a tube that transport urine from the
urinary bladder to the outside
of the body**

Term

name the three sections of the urethra

Definition

the prostrate, membranous, penile

Term	Definition
name the medical term for urination	micturition
Term	Definition
what are the sex hormones in males and females	testosterone, estrogen
Term	Definition
what is the primary sex organ in the male and female	testes and ovaries
Term	Definition
name the secondary sex organs in the male	epididymis, vas deferens, seminal vesicle, prostate gland, bulbourethral glands, scrotum, penis
Term	Definition
structure off the sperm cell are	head, body, tail
Term	Definition
autosomal means	inherited cells
Term	Definition
how many autosomal sex cells (chromosomes) in a males and females	23 chromosomes and 1 sex cell (x or y) for male 23 autosomal chromosomes and 1 sex cell always X
Term	Definition

male sex hormones are called

androgens

Term

Definition

how much sperm is produced at orgasm and how many sperm aprox

**3-5ml
10 -15million**

Term

Definition

the FSH stimulates

spermatogenesis

Term

Definition

LH stimulates

Testosterone

Term

Definition

Name the female assessory organs

**uterine tubes, uterus, vagina, libia
majora, libia minors, clitoris,
vestibule, mamary glands**

Term

Definition

name the two cortex in ovaries

cortical and medullary portion

Term

Definition

the uterine wall consist of three what?

**endometrium, myometrium, and
perimetrium**

Term

Definition

libia minora are what and where

**flattened longitudinal folds between
the libia minora**

Term

Definition

define menarche

menstration

Term

Definition

define menopause

ovaries stop responding

Term

Definition

define memorrhagia

excessive bleeding

Term

Definition

define amenorrhea

no period

Term

Definition

kidney stones are due to

lack of water

Term

Definition

urthers do what

are collecting ducts

Term

Definition

purpose of the female urethra

to pass urine only

Term

Definition

purpose of male urethra

**for urine and semen but not at the
same time**