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**Medical**

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**QUESTION: 375**

Which of the following syndromes corresponds to: chromosomal deficit of #13?

- A. Dubin-Johnson syndrome
- B. Patau's syndrome
- C. Edward's syndrome
- D. Down syndrome

**Answer: B**

Section 19: Sec Nineteen (376 to 400)  
Details: Urinary System Practice Exam

**QUESTION: 376**

The renal medulla is composed of tissue called \_\_\_\_\_.

- A. Renal pyramids
- B. Nephrons
- C. Renal sinus
- D. Renal pelvis

**Answer: A**

**QUESTION: 377**

Juxtaglomerular cells combine with \_\_\_\_\_ cells to form the juxtaglomerular apparatus in the kidney.

- A. Macula densa
- B. Renal pelvis
- C. Nephron
- D. Renal sinus

**Answer: A**

**QUESTION: 378**

Which of the following is not in the sequence of proper kidney blood flow? The starting point is the renal artery and the finishing point is the renal vein.

- A. Arciform artery
- B. Afferent arteriole
- C. Interlobar vein
- D. Arciform vein

**Answer:** C

**QUESTION:** 379

Which is found in the highest concentration in the urine?

- A. Uric acid
- B. Urea
- C. Glucose
- D. Creatinine

**Answer:** B

**QUESTION:** 380

The primary function of the ascending loop of Henle in the kidney is?

- A. The active re-absorption of sodium
- B. The active re-absorption of chloride ions
- C. The passive re-absorption of potassium
- D. The passive re-absorption of urea

**Answer:** B

**QUESTION:** 381

The middle layer of the urinary bladder is identified as \_\_\_\_\_.

- A. Mucous coat
- B. Submucous coat

- C. Muscular Coat
- D. Sphincter Coat

**Answer:** B

**QUESTION:** 382

The micturition reflex center is located in the \_\_\_\_\_.

- A. Pons
- B. Midbrain
- C. Lumbar plexus
- D. Sacral plexus

**Answer:** D

**QUESTION:** 383

Which of the following match with the definition: a poor output of urine?

- A. Oliguria
- B. Pyruia
- C. Enuresis
- D. Diuresis

**Answer:** A

**QUESTION:** 384

Capillary loops located in the medulla are also known as \_\_\_\_\_.

- A. Vasa recta
- B. Urea collectors
- C. Trigone
- D. Macula densa

**Answer:** A

**QUESTION: 385**

The primary function of the descending loop of Henle in the kidney is?

- A. Reabsorption of sodium ions
- B. Reabsorption of water by osmosis
- C. Secretion of hydrogen ions
- D. Secretion of potassium ions

**Answer: B**

**QUESTION: 386**

Which of the following is not considered a part of the male urethra?

- A. Prostatic
- B. Membranous
- C. Vasapore
- D. Penile

**Answer: C**

**QUESTION: 387**

When glucose is found in urine it is called \_\_\_\_\_.

- A. Glucosuria
- B. Uremia
- C. Ureteritis
- D. Glucose intolerance

**Answer: A**

**QUESTION: 388**

The one of the functions occurring at the distal convoluted tubule in the kidney is?

- A. Passive secretion of hydrogen ions

- B. Passive secretion of potassium ions
- C. Limited re-absorption of water
- D. No re-absorption of sodium

**Answer:** B

**QUESTION:** 389

ADH has which of the following effects on the distal convoluted tubule?

- A. Decrease water re-absorption
- B. Increase water re-absorption
- C. Decrease the concentration of urine
- D. Increase the urine volume

**Answer:** B

**QUESTION:** 390

Which of the following is not associated with the role of the kidneys?

- A. Release of erythropoietin (hormone)
- B. Release of renin (enzyme)
- C. Release of Vitamin E
- D. Activate Vitamin D

**Answer:** C

**QUESTION:** 391

Each kidney contains approximately \_\_\_\_\_ nephrons.

- A. 10 million
- B. 1 million
- C. 100,000
- D. 10,000

**Answer:** B

**QUESTION:** 392

The release of Angiotension II causes which of the following to occur?

- A. Increased filtration rate
- B. Decreased glomerular hydrostatic pressure
- C. Increase synthesis of Vitamin E
- D. Increased release of erythropoietin

**Answer:** A

**QUESTION:** 393

Which of the following is an effect of a diuretic?

- A. Decreased Cardiac Output
- B. Increased fluid volume
- C. Increased sodium re-absorption
- D. Increased chloride ion re-absorption

**Answer:** A

**QUESTION:** 394

Which of the following is not considered a loop diuretic?

- A. Bumetadine (BUMEX)
- B. Furosemide (LASIX)
- C. Chlorthiazide (DIURIL)
- D. Ethacrynic Acid (EDECIN)

**Answer:** C

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