

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

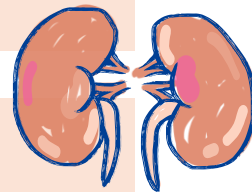


Past paper MID

ALL Material (Histology)

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﴿ قُلْ بِفَضْلِ اللَّهِ وَبِرَحْمَتِهِ فَبِذَلِكَ فَلْيَفْرَحُوا هُوَ خَيْرٌ مِّمَّا يَجْمَعُونَ ﴾



Reviewed by: Ehab Alarakza

Lecture 1

Q1: The Proximal convoluted Tubules is a part of collecting ducts

A. True

B. False

Q2: The Inner (visceral) layer of Bowman's capsule is lined by:

- A.** Simple columnar epithelium
- B.** Podocytes
- C.** Simple squamous epithelium
- D.** Simple cuboidal epithelium

Q3: The urine of patient with glomerulonephritis contains excessive:

- A.** Protein
- B.** Sugar
- C.** Lipid
- D.** mucous

Q4: Which of the following structure is lined by Simple cuboidal epithelium with long microvilli ?

- A.** Distal convoluted Tubule
- B.** Collecting Ducts
- C.** Loop of Henle
- D.** Proximal convoluted Tubule

Q5: The ureter is lined by transitional epithelium

A. True

B. False

Q6: Which one of the following is concerned with the renewal of glomerular capillaries basement membrane (BM) ?

- A.** Mesangial cells
- B.** Podocytes
- C.** Endothelial cells
- D.** Juxtaglomerular cells

Q7: Which layer is adjacent to the endothelium in the kidney ?

- A.** Lamina densa
- B.** Lamina rara externa
- C.** Lamina rara interna
- D.** Lamina densa externa

Q8: Where are the Lacis cells found ?

Answer: In the triangular region between the afferent and efferent arterioles

Lecture 2

Q1: Which of the following cells produce peristalsis waves to help movement of spermatozoa and testicular fluid ?

- A.** Spermatogenic cells
- B.** Sertoli cells
- C.** Myoid cells
- D.** Primary spermatocytes

Q2: Which of the following cells contain 23 chromosomes ?

- A.** Spermatogonia
- B.** Primary spermatocytes
- C.** Secondary spermatocytes

Q3: The head of sperm has mitochondrial sheath

A. True

B. False

Q4: The corpora amylacea is found in:

- A.** Vas deferens
- B.** Prostate
- C.** Epididymis
- D.** Seminal vesicles

Q5: Which statement is wrong ?

Answer: Epididymis has a circular layer between two longitudinal layers

Test bank

Q2: Which cells in the collecting duct help maintain acid-base balance by secreting H^+ or HCO_3^- ?

- A.** Principal cells
- B.** Podocytes
- C.** Intercalated cells
- D.** Mesangial cells

Q1: The muscular layer of the ureter consists of:

- A.** Inner circular and outer longitudinal smooth muscle layers
- B.** Inner longitudinal and outer circular smooth muscle layers
- C.** Skeletal muscle fibers
- D.** Only one smooth muscle layer

Q3: Which of the following ducts is formed by the union of the ampulla of the vas deferens and seminal vesicle ?

- A.** Efferent ductules
- B.** Ejaculatory duct
- C.** Rete testis
- D.** Straight tubules

Q4: Which of the following correctly describes the blood-testis barrier ?

A. Formed by tight junctions between Leydig cells

B. Is formed by the basement membrane surrounding seminiferous tubules

C. Allows free passage of antibodies into the seminiferous tubules

D. Subdivides the seminiferous tubule into basal and adluminal compartments

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Corrections from previous versions:

Versions	Slide # and Place of Error	Before Correction	After Correction
V0 → V1			
V1 → V2			