

学籍番号

氏名

Choose the best answer for question.

1) When tracing the path of filtrates, the loop of the nephron follows which structure ?

- (a) glomerular capsule 糸球体包 (ボーマンのう)
- b proximal convoluted tubule 近位曲尿細管
- c distal convoluted tubule 遠位曲尿細管
- d glomerulus 糸球体
- e collecting duct 集合管

ネフロンはループは何に続いて
いるのか？

a

2) Which of these hormones is most likely to directly cause a drop in blood pressure?

- a aldosterone アルドステロン
- b antidiuretic hormone 抗利尿ホルモン
- c erythropoietin エリスロポエチン
- (d) atrial natriuretic hormone 心房性ナトリウム利尿ホルモン
- e renin レニン

d

3) The function of erythropoietin is

- a reabsorption of sodium ions
- b excretion of potassium ions
- c reabsorption of water
- (d) to stimulate red blood cell production
- e to increase blood pressure

d

4) Which of the following materials would not normally be filtered from the blood at the glomerulus ?

- a water
- b glucose
- c urea 尿素
- (d) protein
- e sodium ions

d

5) Which of the following is a structural difference between the urinary systems of males and females ?

- a Males have a ^{longer} shorter urethra than females. ← 尿道
- (b) In males, the urethra passes through the prostate. ← 前立腺
- c In females, the urethra serves both the urinary and reproductive systems.

b