



BIOLOGY

BOOKS - SARAS PUBLICATION

EXCRETORY PRODUCT AND THEIR ELIMINATION

Exercise

1. The hormone which helps in the reabsorption of water in kidney tubules is

A. Cholecystokinin

B. Angiotensin II

C. Antidiuretic hormone

D. Pancreozymin

Answer:



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2. Name the excretory organ of crustaceans

A. Adrenal gland

B. Sebaceous gland

C. Green gland

D. Sweat gland

Answer:



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3. Aldosterone acts at the distal convoluted tubule and collecting duct resulting in the absorption of water through

A. Aquaporins

B. Spectrins

C. GLUT

D. Chloride Channels

Answer:



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4. Which of the following statement is true?

A. Angiotensin II stimulates adrenal cortex to secrete aldosterone

B. Angiotensin converting enzyme stimulates JG cells to release aldosterone

C. Angiotensin I stimulates neurohypophysis to secrete ADH

D. All of the above

Answer:



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5. Name the hormone involved in kidney function and is secreted due to the stimulation of neurohypophysis.

A. Aldosterone

B. Oxytocin

C. Vasopressin

D. Adrenaline

Answer:



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6. What is 'detrusor' muscle?



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7. How is urea formed in the human body?

(OR) We are not consuming urea. But in our body urea is produced. Why?



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8. Name the three main hormones are involved in the regulation of the renal function?



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9. Define ammonoteles.



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10. What is osmolarity and how is it expressed.



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11. Define renal calculi



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12. Name the three filtration barriers that solutes must come across as they move from plasma to the lumen of Bowman's capsule. What components of the blood are usually excluded by these layers?



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14. What is the effect of aldosterone on kidneys and where is it produced?



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15. How are nephrons classified based on the length of Henle's loop?



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16. Differentiate cortical from medullary nephrons.



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17. What is ADH?



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18. Write the causes for diabetes mellitus and diabetes insipidus.



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19. (i) What is the structural and functional units of kidney? (ii) Draw its structure.

(iii) Describe it.



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20. What is the drug used to treat high blood pressure? Explain its action with a flow chart.



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