BIOLOGY

BOOKS - PSEB

EXCRETORY PRODUCTS AND THEIR ELIMINATIN

Exercise

1. Explain the autoregulatory mechanism of GFR.

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3. Indicate whether the following statements are true or false : Micturition is carried out by a reflex.

4. Indicate whether the following statements are true or false : Henle's loop plays an important role in concentrating the urine.

5. Indicate whether the following statements are true or false : Protein-free fluid is filtered from blood plasma into the Bowman's capsule.

6. Indicate whether the following statements are true or false : Henle's loop plays an important role in concentrating the urine.

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7. Indicate whether the following statements are true or false : Glucose is actively reabsorbed in the proximal convoluted tubule.

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8. Give a brief account of the counter current mechanism.

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9. Describe the role of liver, lungs and skin in excretion.

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10. Explain micturition.

11. What is meant by the term osmoregulation?

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12. Terrestrial animals are generally either ureotelic or uricotelic, not ammonotelic, why?

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13. What is the significance of juxta glomerular apparatus (JGA) in kidney function?

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14. What are the excretory structures of amoeba?

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15. Name the following: Cortical portions projecting between the medullary pyramids in

the human kidney.

16. Name the following: A loop of capillary running parallel to the Henle's loop.

17. Fill in the gaps : Ascending limb of Henle's loop is _____ to water whereas the descending limb is _____ to it.

18. Name the following: Reabsorption of water from distal parts of the tubules is facilitated by hormone _____.

19. Name the following: Dialysis fluid contain all the constituents as in plasma except _____.

20. Fill in the gaps: A healthy adult human excretes (on an average)_____ gm of urea/day.