



BIOLOGY

NCERT - NCERT BIOLOGY(TELUGU)

EXCRETORY PRODUCTS AND THEIR ELIMINATION

Biology

1. Define Glomerular Filtration Rate (GFR)



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2. Explain the auto regulatory mechanism of GFR.



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



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4. What is micturition?



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5. What is meant by osmoregulation? How is it maintained in human body?



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6. Terrestrial animals are generally either ureotelic and not ammonotelic. Why?



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



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8. Name the following:

(a) A chordate animal having flame cells as excretory structures

(b) Cortical portions projecting between the

medullary pyramids in the human kidney

(c) A loop of capillary running parallel to the Henle's loop.



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True False

1. Micturition is carried out by a reflex.



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2. Indicate the given statement is true or false.

ADH helps in water elimination, making the urine hypotonic.



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3. Indicate the given statement is true or false

Protein-free fluid is filtered from blood plasma into the Bowman's capsule



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4. Indicate the given statement is true or false
Henle's loop plays an important role in
concentrating the urine.



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5. Glucose is actively reabsorbed in the
proximal convoluted tubule.



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Fill In The Gaps

1. A healthy adult human excretes (on an average) _____ gm of urea/day.



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