



# BIOLOGY

## BOOKS - SUPER COMPANION 5 IN 1

### EXCRETORY PRODUCTS AND THEIR ELIMINATION

#### One Mark Question And Answers

1. Which part of the nephron is concerned with selective tubular reabsorption ?



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**2. What is glomerular nephritis ?**



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**3. What is micturition ?**



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**4. What is dialysis ?**



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**5. What is uraemia ?**



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**6. What is renal calculus ?**



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**7. What is renal fallure ?**



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**8. Define Glomerular Filtratin Rate (GFR).**



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**9. What is the excretory product from kidneys of reptiles ?**



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**10.** Identify the glands that perform the excretory function in prawns.



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**11.** What is excretory structure or product in Amoeba ?



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**Two Marks Questions And Answers**

1. Mention the symptoms for the presense of kidney stones.



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2. Mention the significance of dialysis.



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3. Explain the role of Henol's loop.



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4. Explain ultra filtration.



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5. Distinguish between acute renal failure and chronic renal failure,



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



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7. Where does the selective reabsorption of glomerular filtrate take place ?



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**8.** What is the composition of sweat produced by sweat glands ?



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**9.** What is the role of sebaceous glands ?



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**10.** What are the main processes of urine formation ?



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**11.** Complete the

Urinary Excretion = Tubular reabsorption +  
Tubular secretion-



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**12.** Complete the

Dialysis Fluid = Plasma-



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## Three Marks Questions With Answer

1. Show the structure of a renal capsule with the help of a diagram.



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2. Label the parts in the diagram : Afferent arteriole, Efferent arteriole, Bowman's capsules, Glomerules,



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**3. Name the**

A chordate animal having flame cells as excretory structures.



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**4. Name the**

Cortical portions projection between the medullary pyramids in the human kidney.



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5. Name the

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



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## Five Marks Questions And Answer

1. What are the main processes of urine formation ?



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2. Describe the structure of nephron with a neatly labelled diagram.



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3. Indicate whether the statements are true or false

Micturition is carried out by a reflex action.



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4. Indicate whether the statements are true or false

ADH helps in water elimination, making the urine hypotonic,



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5. Indicate whether the statements are true or false

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





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6. Indicate whether the statements are true or false

Henle's loop plays an important role in concentrating the urine.



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7. Indicate whether the 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. Explain micturition.



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