BIOLOGY

BOOKS - VIKRAM PUBLICATION (ANDHRA PUBLICATION)

EXCRETORY PRODUCTS AND THEIR ELIMINATION

Important Questions

1. Name the blood vessel that brings oxygenated blood loaded with waste products to kidney.

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2. What is the structural and functional unit of a kidney ?

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3. A fall in glomerular filtration rate (GFR) activates :

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4. Glomerular filtrate contains

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5. What is common between rennin, trypsin and amylase?

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6. What is osmoregulation ?

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7. Atrial natriuretic peptide is produced by

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8. What happens when the waste products are not sent out from the body.

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9. Draw a neat labelled diagram of L.S of kindney.

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10. Describe the structure of kidneys.

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11. Explain the auto regulatory mechanism of GFR.

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12. Identify the mis matched pair.

1) Liver - Urine

2) Lungs - CO_2 and water vapour

3) Skin -Salts and water

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13. Describe the excretory system of man, giving the structure of a nephron.

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14. Explain the formation of urine in a flow chart

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Very Short Answer Questions

1. Name the blood vessels that enter and exit the kidney.

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2. What are renal pyramids and renal papillae ?

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3. What are the divisions of brain ?

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4. I am the structural and functional unit of kidneys. Who am I ?

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5. Cortical extensions between the medullary pyramids of the kidney are called

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6. A fall in glomerular filtration rate (GFR) activates :

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7. A fall in glomerular filtration rate (GFR) activates :

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8. Which one is impermeable to reabsorption of electrolytes in nephron?

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9. Distinguish between juxtaglomerular cells and macula densa.

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10. What are the apparatus required to conduct the electrolysis of water ? Write the chemical equation.

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11. What is common between rennin, trypsin and amylase?

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12. What is osmoregulation ?

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13. Atrial natriuretic peptide is produced by

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Short Answer Questions

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

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2. What are the waste products removed by lungs ?

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3. Draw a neat labelled diagram of L.S of kindney.

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4. Describe the structure of kidneys.

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5. What is micturition?

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

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7. Counter current exchange occurs in

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8. Explain the auto regulatory mechanism of GFR.

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9. Describe the structure and functioning of nephrons.

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10. Name the following.

A chordate animal having protonephridial type excretory structures.

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11. Cortical extensions between the medullary pyramids of the kidney are called

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12. Complete loop of Henle is found in

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13. Read the table and answer the following.

Name the organisms	Excretory system
Protozoa	Simple diffusion
Porifera	water bathes
Platyhelminthes	Flame cells
Arthropods	Greenglands, Malphigian Tubules
Mollusca	Metanephridia
Echinodermata	Water vascular system

4. In which animals flame cells are the excretory organs?

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Long Answer Questions

1. Describe the structure of kidneys.

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2. Write the path-way of urine.

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