

CLASS 11

BIOLOGY

REVISION NOTES

Class 11 Biology Chapter 16 Excretory Products and their Elimination – Revision Notes

Quick revision notes for Class 11 Biology Chapter 16 (Excretory Products and their Elimination). These Class 11 Biology Chapter 16 notes are ideal for quick revision just before exams.

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Modes of Excretion

Ammonotelism (aquatic), Ureotelism (mammals), Uricotelism (birds/reptiles, water conservation + egg safety).

Human Excretory System

Kidneys, ureters, bladder, urethra; nephron = functional unit.

Urine Formation

Glomerular filtration → Reabsorption (PCT) → Secretion (DCT).

Concentration Mechanism

Loop of Henle + vasa recta: counter-current mechanism, medullary gradient.

ADH increases water reabsorption; RAAS regulates BP/sodium.

One-Line Summary

The kidney eliminates nitrogenous waste through filtration, reabsorption, and secretion in nephrons, using a counter-current mechanism to concentrate urine, regulated by ADH and the renin-angiotensin-aldosterone system.

Class 11 Biology Chapter 16 – Solutions and Important Questions

Need full answers or more practice? See the [Class 11 Biology Chapter 16 Solutions](#) and [Class 11 Biology Chapter 16 Extra Questions](#).

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