

Class 11 Revision Module

Kingdom Monera: The World of Bacteria

Biological Classification • Chapter 2.1

The Sole Members



Bacteria are the absolute and sole members of **Kingdom Monera**.

NEET ALERT: No other organisms belong to this kingdom.

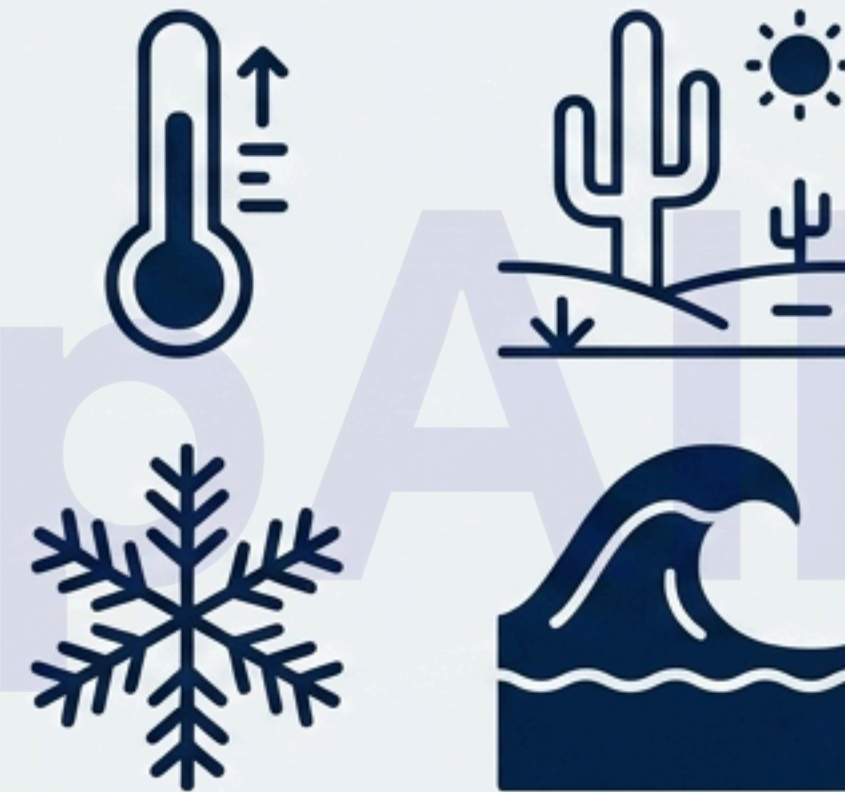
They are the most abundant micro-organisms on Earth. Hundreds are present in just a handful of soil.

Ubiquitous & Extreme Habitats



Soil, and on/in other organisms.

Parasitic Forms: Many live in/on hosts, causing disease.



Hot springs, barren deserts, deep snow, and deep oceans—where very few other life forms can survive.



You've Learned the Theory. Let's Test Them Now.

$$E=mc^2$$



Turn theory into marks with **unlimited MCQs, smart analysis, and focused revision.**

Practice Now



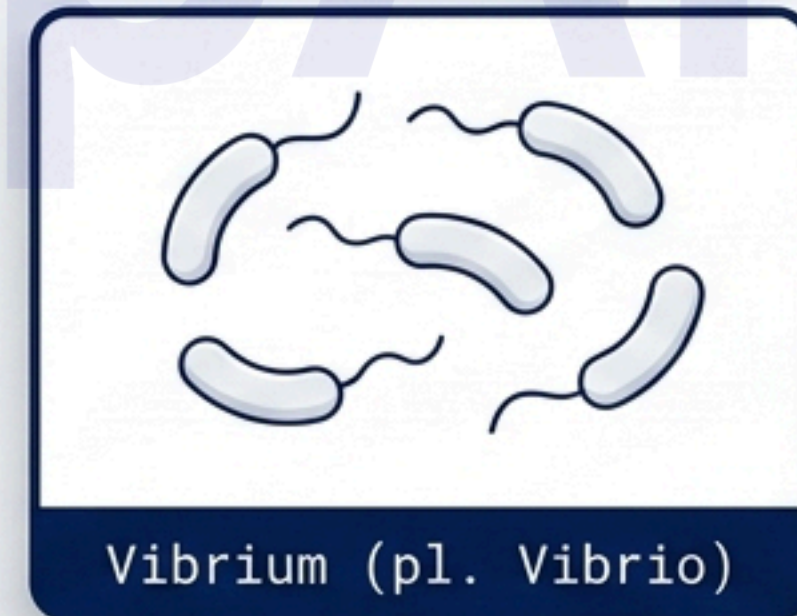
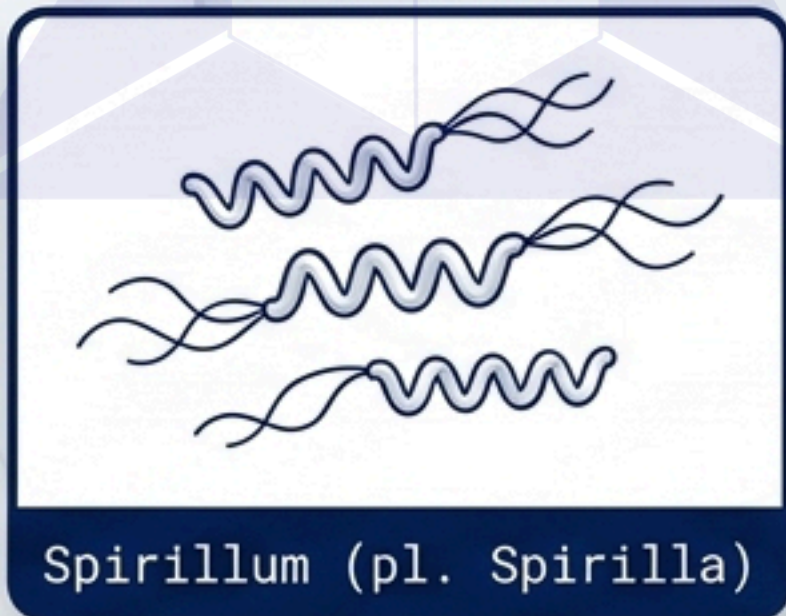
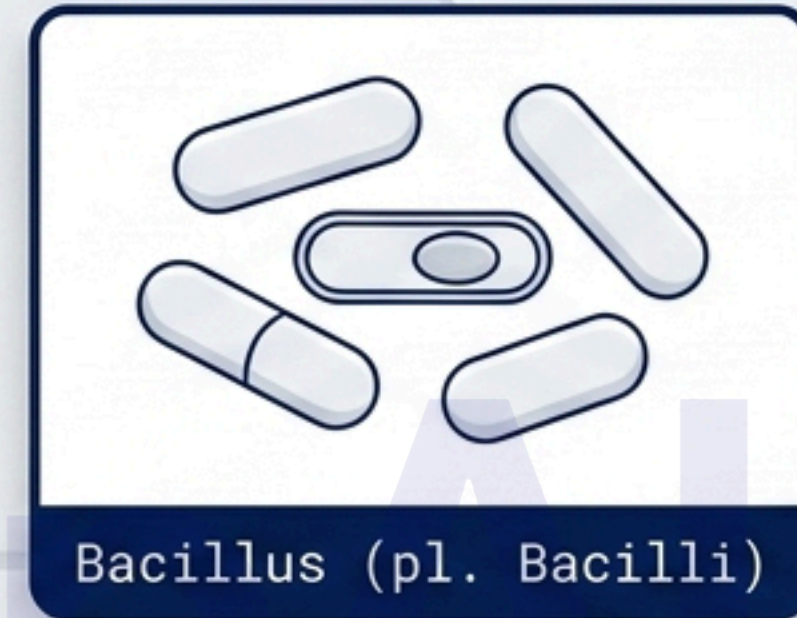
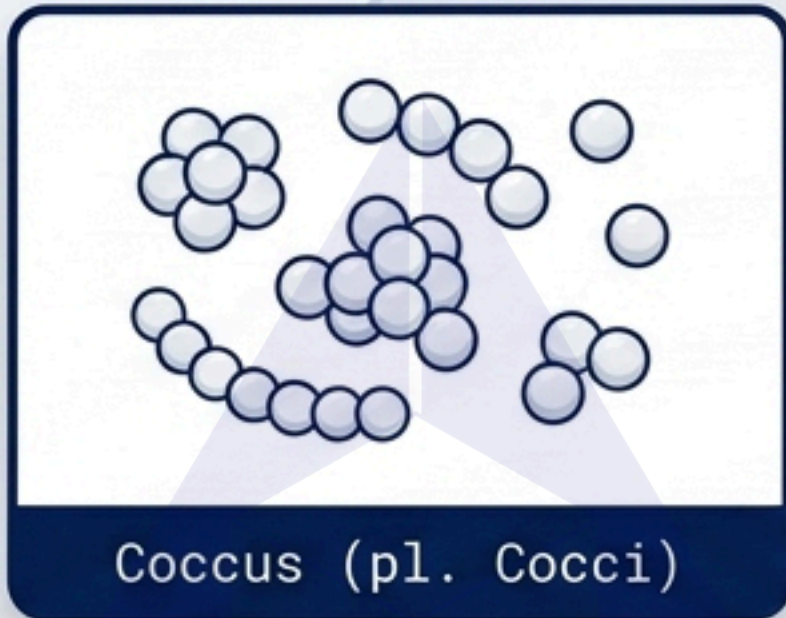
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Key Highlights

- » Free Study Material, Videos & Infographics
- » Push Your Limits with Level-Based Challenges
- » Climb the Leaderboard Among Fellow Aspirants
- » Practice Unlimited MCQs for NEET & JEE
- » Get Clear Explanations, Not Just Marks
- » Track Your Performance Smarter



Bacterial Morphology (Shapes)



The Monera Paradox

Physical Structure

**Very
Simple.**

Basic prokaryotic cell
organization.

Metabolism & Behaviour

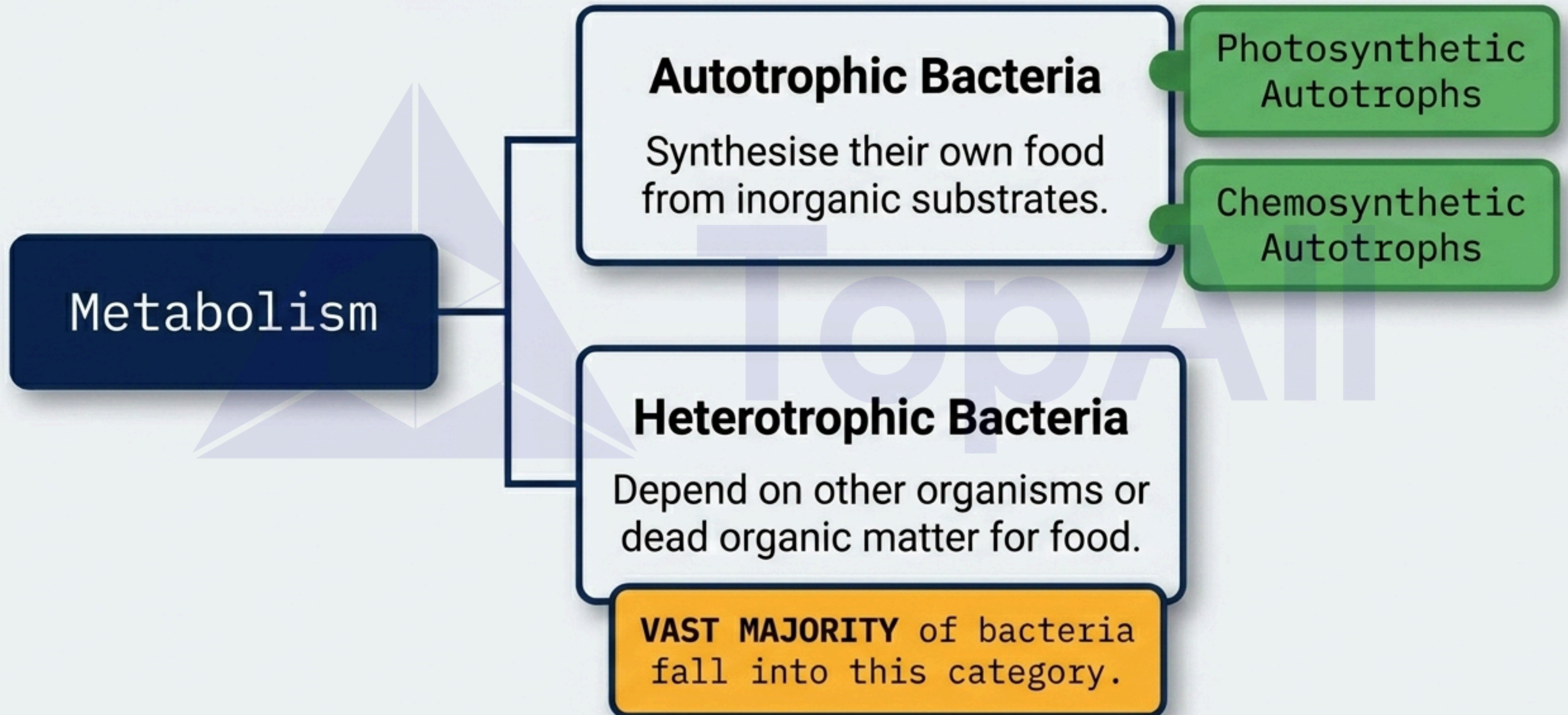
**Highly
Complex.**

As a group, they show the most
extensive metabolic diversity
of any living organism.

EXAM FOCUS:

Simple Structure ≠
Simple Behaviour

Metabolic Diversity



Chapter 2.1 Summary



Kingdom Monera = Exclusively prokaryotic bacteria.



Morphology = Classified into four distinct shapes:
Cocci, Bacilli, Spirilla, Vibrio.



Diversity = Ubiquitous habitats with the most extensive metabolic diversity (Autotrophic & Heterotrophic).



You've Learned the Theory.

Now Let's Test It.

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Practicing MCQs gets you marks.

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Practice the moment you finish studying
Jump in while the concept is still fresh in your head

4.5L+
MCQs

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