

# Syllabus Updates for **NEET(UG) 2024**

**BIOLOGY**

# SYLLABUS FOR NEET(UG) 2024 - BIOLOGY



## **Biology Syllabus XI Class**

Unit : 01 - Diversity in Living World

Unit : 02 - Structural Organisation in animals and plants

Unit : 03 - Cell Structure and Function

Unit : 04 - Plant Physiology

Unit : 05 - Human Physiology

## **Biology Syllabus XII Class**

Unit : 06 - Reproduction

Unit : 07 - Genetics and Evolution

Unit : 08 - Biology and Human welfare

Unit : 09 - Biotechnology and Its Applications

Unit : 10 - Ecology and Environment

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## Biology Syllabus XI Class

CHAPTER	DELETED PORTION	NEWLY ADDED PORTION
<b>01</b> Diversity in Living World	<ul style="list-style-type: none"><li>• Three domains of life;</li><li>• Tools for study of Taxonomy-Museum, Zoos, Herbaria, Botanical gardens.</li><li>• Angiosperms classification up to class, characteristic features and examples.</li></ul>	-
<b>02</b> Structural Organisation in animals and plants	<ul style="list-style-type: none"><li>• Cockroach</li></ul>	<ul style="list-style-type: none"><li>• Family (malvaceae, cruciferae, leguminoceae, compositae, gramineae)</li><li>• Insect</li><li>• (Frog)</li></ul>

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CHAPTER	DELETED PORTION	NEWLY ADDED PORTION
<b>03</b> Cell Structure and Function	No Change	
<b>04</b> Plant Physiology	<ul style="list-style-type: none"><li>• Transport in Plants.</li><li>• Mineral nutrition.</li><li>• Plant Growth and Development : Vernalisation; Photoperiodism</li></ul>	
<b>05</b> Human Physiology	<ul style="list-style-type: none"><li>• Digestion and Absorption</li></ul>	

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## Biology Syllabus XII Class

CHAPTER	DELETED PORTION	NEWLY ADDED PORTION
<b>06</b> Reproduction	<ul style="list-style-type: none"><li>• Reproduction in Organisms</li></ul>	
<b>07</b> Genetics and Evolution	No Change	
<b>08</b> Biology and Human welfare	<ul style="list-style-type: none"><li>• Improvement in food production</li></ul>	<ul style="list-style-type: none"><li>• Health and Diseases : (dengue, chikungunya), Tobacco abuse</li></ul>

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## Biology Syllabus XII Class

CHAPTER	DELETED PORTION	NEWLY ADDED PORTION
<b>09</b> Biotechnology and Its Applications	• No Change	
<b>10</b> Ecology and Environment	<ul style="list-style-type: none"><li>• <b>Organisms and environment:</b> Habitat and niche; Population and ecological adaptations.</li><li>• <b>Ecosystem :</b> Nutrient cycling (Carbon and phosphorous); Ecological succession; Ecological services-Carbon fixation, Pollination, Oxygen release</li><li>• Environmental Issues.</li></ul>	