

D.A.V. Public School

Affiliated to CBSE(10+2)

Sector – 3 Dhurwa Ranchi – 4

Class IX Biology Syllabus(2019-2020)

Prescribed Books:

➤ NCERT

Months	No. of Working Days	Unit / Chapters	Sub Topics	Exam / Tests Portion
April	24	Organization in the Living World	<ul style="list-style-type: none">❖ Cell - Basic Unit of life :❖ Prokaryotic and Eukaryotic cells❖ Cell organelles	
May	15	Food Production I	<ul style="list-style-type: none">❖ Plant and animal breeding❖ Improvement and management❖ Organic farming	
June	12	Food Production II	<ul style="list-style-type: none">❖ Protection from pests and diseases❖ Use of fertilizers and manures	<u>PT I Portion</u> Organization in the Living World + Food Production I + Food Production II
July	25	Tissues, Organs, Organ System, Organism	<ul style="list-style-type: none">❖ Structure and functions of animal and plant tissues PT I Revision	<u>Half Yearly Exam Portion</u> PT I Portion + Tissues, Organs, Organ System, Organism
August	24	Biological Diversity I	<ul style="list-style-type: none">❖ Diversity of plants Half Yearly Revision	
September	13	Biological Diversity II	<ul style="list-style-type: none">❖ Diversity of animals	
October	18	Health and Diseases I	<ul style="list-style-type: none">❖ Infectious and Non-infectious diseases❖ Diseases caused by microbes and their prevention❖ Principles of treatment and prevention PT II Revision	<u>PT II Portion</u> Tissues, Organs, Organ System, Organism + Biological Diversity I + Biological Diversity II
November	22	Health and Diseases II	<ul style="list-style-type: none">❖ Diseases caused by microbes and their prevention❖ Principles of treatment and prevention	

December	18	Natural Resources	<ul style="list-style-type: none"> ❖ Air ❖ Water ❖ Soil ❖ Bio-geo chemical cycles in nature 	<u>PT III Portion</u> Health and Diseases I + Health and Diseases II + Natural Resources
January	26	Revision for PT III & Final / Annual Term		<u>Final / Annual Term Portion</u> Whole Syllabus

D.A.V. Public School

Affiliated to CBSE(10+2)

Sector – 3 Dhurwa Ranchi – 4

Class X Biology Syllabus(2019-2020)

Prescribed Books:

➤ NCERT

Months	No. of Working Days	Unit / Chapters	Sub Topics	Exam / Tests Portion
April	24	Life Processes I	<ul style="list-style-type: none">❖ Basic concept of nutrition❖ Nutrition in Plants❖ Nutrition in Animals	
May	15	Life Processes II	<ul style="list-style-type: none">❖ Respiration in plants and animals	
June	12	Life Processes III	<ul style="list-style-type: none">❖ Transportation in plants and animals❖ Excretion in plants and animals	<u>PT I Portion</u> Life Processes I + Life Processes II + Life Processes III
July	25	Control and co-ordination	<ul style="list-style-type: none">❖ Nervous system❖ Reflex Action❖ Human Brain❖ Co-ordination in Plants❖ Hormones in Animals	<u>Half Yearly Exam Portion</u> PT I Portion + Control and co-ordination + Sources of Energy + Reproduction
		Sources of Energy	<ul style="list-style-type: none">❖ Conventional Source of Energy❖ Alternative or Non-Conventional Source of Energy❖ Environmental Consequences Revision for PT I	
August	24	Reproduction	<ul style="list-style-type: none">❖ Reproduction in animals and plants (asexual and sexual)❖ Reproductive Health Half Yearly Revision	
September	13	Heredity and Evolution I	<ul style="list-style-type: none">❖ Mendel's contribution❖ Sex determination.❖ Basic concepts of evolution	

October	18	Heredity and Evolution II	❖ Basic concepts of evolution Revision for PT II	<u>PT II Portion</u> Control and co-ordination + Reproduction
November	22	Our Environment	❖ Ecosystem and its components ❖ Food Chain and Food web ❖ Ozone depletion	<u>Pre Board / Mock I / II Portion</u> Whole Syllabus
December	18	Revision for Pre Board I & II, Board		