

## SPLIT-UP SYLLABUS SESSION 2019-2020

### CLASS-XI      SUBJECT- BIOLOGY

<b>MONTH</b>	<b>NO.OF WORKING DAYS</b>	<b>DETAILS SYLLABUS</b>
JUNE	12	1.THE LIVING WORLD 2.BIOLOGICAL CALSSIFICATION
JULY	27	3.PLANT KINGDOM 4.ANIMAL KINGDOM 5.MORPHOLOGY OF FLOWERING PLANTS
AUGUST	24	6.ANATOMY OF FLOWERING PLANTS 7.STRUCTURE ORGANISATION IN ANIMALS 8.CELL-UNIT OF LIFE
SEPTEMBER	23	10.CELL CYCLE AND CELL DIVISION/REVISION ( <b>HALF YEARLY 40% OF SYLLABUS: lesson No 1-8 &amp; 10</b> )
OCTOBER	16	9.BIOMOLECULES 11.TRANSPORT IN PLANTS 12.MINERAL NUTRITION
NOVEMBER	24	13.PHOTOSYNTHESIS IN PLANTS 14.RESPIRATION IN PLANTS 15.PLANT GROWTH AND DEVELOPMENT 16DIGESTION AND ABSORPTION
DECEMBER	24	17.BREATHING AND EXCHANGE OF GASES 18.BODY FLUID AND CIRCULATION 19.EXCRETORY PRODUCT AND THEIR ELIMINATION 20.LOCOMOTION AND MOVEMENT 21.NEURAL CONTROL AND COORDINATION 22. CHEMICAL CONTROL AND COORDINATION.
JANUARY	24	REVISION/ANNUAL ACTIVITIES(PRACTICAL EXAMS)
FEBRUARY	17	REVISION/ANNUAL ACTIVITIES(PRACTICAL EXAMS)

DAV Public School

**Split up of Syllabus of Class XI Chemistry (043) for session 2019-20**

MONTH	NO. OF WORKING DAYS	SN	NAME OF CHAPTER	PRACTICALS & PROJECT
June	12	1	Some Basic Concepts of Chemistry	Basic Laboratory Techniques
July	27	2	Structure of Atom	Characterization and Purification of Chemical Substances
		3	Classification of Elements and Periodicity in Properties	
		4	Chemical Bonding and Molecular Structure	
August	24	5	States of Matter: Gases, Liquids and solids	Quantitative Estimation
		6	Chemical Thermodynamics	
September	23	<b>Revision and conduction of half yearly examination (Syllabus of half yearly 40 %)</b>		
October	16	7	Equilibrium	Experiments based on pH & Project
		8	Redox Reactions	
November	24	9	Hydrogen	Chemical Equilibrium, Qualitative analysis
		10	s -Block Elements	
		11	p -Block Elements	
December	24	12	Organic Chemistry: Some basic Principles and Techniques	
		13	Hydrocarbons	
		14	Environmental Chemistry	
January/ February	24		<b>Revision and conduction of annual exam (Syllabus 100 %)</b>	
	17			

**Syllabus for half yearly examination**

S No	Unit
1	Some Basic Concepts of Chemistry
2	Structure of Atom
3	Classification of Elements and Periodicity in Properties
4	Chemical Bonding and Molecular Structure
5	States of Matter: Gases, Liquids and solids
6	Chemical Thermodynamics

**MARKS ALLOTMENT FOR CLASS XI ACCOUNTANCY FOR THE SESSION 2019 - 20**

UNIT	TOPICS TO BE COVERED	MARKS
I	Theoretical Framework - Introduction to Accounting	20
	Theory base of accounting	
II	Accounting Process: Recording of Transactions (upto Journal)	40
	Preparation of Ledger	
	Preparation of Trial Balance	
Recording of Transactions (till subsidiary books)		
III	Financial Statements of sole proprietorship (without and with adjustments)	30
	Project for Half yearly, Revision and Half Yearly Examination	10

**BREAK UP OF SYLLABUS FOR CLASS XI ACCOUNTANCY FOR THE SESSION 2019 - 20**

MONTHS	UNIT	TOPICS TO BE COVERED
JUNE	I	Theoretical Framework - Introduction to Accounting
JULY	II	Theory base of accounting
		Accounting Process: Recording of Transactions (upto Journal)
		Preparation of Ledger
		Preparation of Trial Balance
AUGUST	II	Recording of Transactions (till subsidiary books)
	III	Financial Statements of sole proprietorship (without and with adjustments)
SEPTEMBER		Guidelines to make Project for Half yearly, Revision and Half Yearly Examination
OCTOBER	II	Bills of Exchange
		Rectification of Errors
NOVEMBER	II	Bank Reconciliation Statement
	II	Depreciation, Provision and Reserve
DECEMBER	II	Depreciation, Provision and Reserve (Contd..)
	III	Financial Statement with incomplete records (Single Entry System)
JANUARY	IV	Computers in Accounting
FEBRUARY		Guidelines to make Project for Annual Examination, Revision and Annual Examination

40% SYLLABUS TO BE COVERED FOR HALF YEARLY EXAMINATION UPTO THE MONTH OF AUGUST

**BREAK UP OF SYLLABUS FOR CLASS XI BUSINESS STUDIES FOR THE SESSION 2019 - 20**

MONTHS	UNIT	TOPICS TO BE COVERED
JUNE	I	History of Commerce in India
JULY	I	Nature and Purpose of Business
	II	Forms of Business Organisation
AUGUST	II	Forms of Business Organisation
	III	Public, Private and Global Enterprises
	IV	Business Services and Guidelines for Project for Half Yearly Examination
SEPTEMBER		Revision and Half Yearly Examination
OCTOBER	V	Emerging modes of Business
	VI	Social Responsibility of Business and Business Ethics
NOVEMBER	VI	Social Responsibility of Business and Business Ethics (Contd.)
	VII	Sources of Business Finance
DECEMBER	VIII	Small Business
	IX	Internal Trade
JANUARY	X	International Business and Guidelines for Project for Annual Examination
FEBRUARY		Revision and Annual Examination

40% SYLLABUS TO BE COVERED FOR HALF YEARLY EXAMINATION UPTO THE MONTH OF AUGUST

**SYLLABUS FOR CLASS XI BUSINESS STUDIES FOR THE SESSION 2020-21**

UNIT	TOPICS TO BE COVERED	MARKS
I	History of Commerce	50
I	Nature and Purpose of Business	
II	Forms of Business	
II	Forms of Business	
III	Public, Private and Partnership	40
IV	Business Services	
	Project for Half Year	10

**SYLLABUS OF COMPUTER SCIENCE (PYTHON) 2019-20****CLASS- XI**

SNO	CHAPTER NO.	NAME OF CHAPTER	MONTH	NO OF WORKING DAYS
1	12	COMPUTER SYSTEM OVERVIEW	JUNE	12
2	13	DATA REPRESENTATION	JULY	27
3	01	GETTING STARTED WITH PYTHON		
4	02	PYTHON FUNDAMENTALS	AUGUST	24
5	03	DATA HANDLING		
6	04	CONDITIONAL AND ITERATIVE STATEMENTS	SEPTEMBER	23
<b>40% SYLLABUS :HALF YEARLY EXAM(chapter 1,2,3,4,12 and 13</b>				
7	05	STRING MANIPULATION	OCTOBER	16
8	06	DEBUGGING PROGRAMS		
9	07	LIST MANIPULATION		
10	08	TUPLES		
11	09	DICTIONARIES	NOVEMBER	24
12	10	UNDERSTANDING SORTING		
13	11	STATES AND TRANSITIONS		
14	14	BOOLEAN LOGIC		
15	15	INSIGHT INTO PROGRAM EXECUTION		
16	16	RELATIONAL DATABASES		
17	17	SIMPLE QUERIES IN SQL	DECEMBER	24
18	18	TABLE CREATION AND DATA MANIPULATION COMMANDS		
19	19	TABLE JOINS AND INDEXES IN SQL		
20	20	BASIC OF NOSQL DATATBASE - MONGODB		
21	21	CYBER SAFETY		
22	22	ONLINE ACCESS AND COMPUTER SECURITY		



**SPLIT UP OF SYLLABUS(2019-20)**

**CLASS XI**  
**ECONOMICS**

<u>MONTH</u>	<u>CHAPTERS</u>	<u>MICRO ECONOMICS</u>	<u>TOPICS TO BE COVERED</u>	<u>STATISTICS</u>	<u>NO OF DAYS</u>
J U N E	UNIT-1	INTRODUCTIO N	1. Meaning of microeconomics and macroeconomics; positive and normative economics 2. What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost.	1. INTRODUCTION	12
				2. COLLECTION OF DATA Primary & Secondary	
J U L Y	UNIT-2	CONSUMERS EQUILIBRIUM	1. Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis. 2. Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.	3. METHOD OF COLLECTION OF DATA- census & sample method	27
				4. ORGNISATION OF DATA 5. PRESENTATION OF DATA- tabulation, diagrammatic, graphic	
A U G	UNIT-2	DEMAND & ELASTICITY OF DEMAND	Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method.	6. MEAN, MEDIAN, MODE	24
S E			REVISION WORK FOR HALF YEAR EXAMINATION		22

L P					23
O C T	UNIT-3	PRODUCER BEHAVIOUR	<p>1. Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor</p> <p>2. Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.</p> <p>3. Revenue - total, average and marginal revenue - meaning and their relationship.</p> <p>4. Producer's equilibrium-meaning and its conditions in terms of marginal revenue-marginal cost.</p>	---	16
N O V	UNIT-3	SUPPLY & ELASTICITY	Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method.	MEASURES OF DISPERSION	24
D E C	UNIT-4	FORMS OF MARKET	<p>1. Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply.</p> <p>2. Other Market Forms - monopoly, monopolistic competition, oligopoly - their meaning and features.</p>	CORRELATION	24

J A N	UNIT-4	PRICE DETERMINATI ON	Simple Applications of Demand and Supply: Price ceiling, price floor.	INDEX NO.	24
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**\*HALF YEARLY EXAM SYLLABUS FOR CLASS 11 WILL BE 40% OF SYLLABUS**

SYLLABUS FOR HALF YEARLY EXAM

UNITS	MACRO	MARKS
<b>PART-A</b>		
1	INTRODUCTION	8
2	CONSUMER'S EQUILIBRIUM	20
3	DEMAND & ELASTICITY	12
		40
<b>PART -B</b>	STATISTICS	MARKS
4	INTRODUCTION	5
5	COLLECTION, ORAGNISATION & PRESENTATION OF DATA	25

6	CENTRAL TENDANCY- MEAN	10
		40
TOTAL		80

**BLUE PRINT OF PAPER**

VERY SHORTANSWER/ MCQ	8X1=8
SHORT ANSWER -I	4X3=12
SHORT ANSWER -I	6X4=24
LONG ANSWER	6X6=36

**D.A.V. PUBLIC SCHOOLS, CG ZONE**  
**CLASS XI SPLIT UP SYLLABUS – ENGLISH CORE (CODE NO. 301) 2019-20**

Months	HORNBILL		SNAPSHOTS	Reading/Writing	Total No. of Days
	Prose	Poem			
<b>JUNE</b>	1. The Portrait of a Lady	1. A Photograph		1. Notice R1. Reading Comphn.	12
<b>JULY</b>	2. We are not afraid... 3. Discovering Tut...	2. The Laburnum Top	1. The Summer of the Beautiful White Horse	2. Letter to the Editor, Business Or Official Letters 3. Classified Columns 4. Job Application, Letter of Inquiry	27
<b>AUGUST</b>	4. Landscape of the Soul 5. The Ailing Planet	3. The Voice of the Rain	2. The Address	5. Poster & Display Advertisement R2. Note Making	24
<b>SEPTEMBER</b>	6. The Browning Version		3. Ranga's Marriage	6. Report Writing / Article / Speech	23
<b>OCTOBER</b>	7. The Adventure	4. Childhood	4. Albert Einstein at School	Revision	16
<b>NOVEMBER</b>	8. Silk Road	5. Father to Son	5. Mother's Day 6. The Ghat of the Only World	Revision Activity for ASL	24
<b>DECEMBER</b>	Revision	Revision	7. Birth 8. The Tale of the Melon City	Revision Activity for ASL	24
<b>JANUARY</b>	Revision	Revision	Revision	Revision	24
<b>FEBRUARY</b>	Revision	Revision	Revision	Revision	17

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## **40% Syllabus of English – Class-11 For Mid Term**

### Literature (Hornbill)

1. The portrait of a lady  
A Photograph
2. We are not afraid to die.....
3. Discovering Tut: the saga continues  
The Laburnum top
4. Landscape of the soul  
Voice of the rain

### Supplementary Reader ( Snapshots)

1. The Summer of the Beautiful White Horse
2. The address
3. Ranga's Marriage

Grammar: Topics of grammar to be covered as per the CBSE Curriculum

Advanced Writing Skill: Topics of Writing skill to be covered as per the CBSE Curriculum

**SYLLABUS OF INFORMATICS PRACTICES (PYTHON) 2019-20**

**CLASS- XI**

SNO	CHAPTER NO.	NAME OF CHAPTER	MONTHS	NO OF WORKING DAYS
1	1	BASIC COMPUTER ORGANIZATION	JUNE	12
2	2	GETTING STARTED WITH PYTHON	JULY	27
3	3	PYTHON FUNDAMENTALS		
4	4	DATA HANDLING	AUGUST	24
5	5	CONDITIONAL AND ITERATIVE STATEMENTS		
6	6	STRING MANIPULATION	SEPTEMBER	23
<b>40% syllabus :HALF YEARLY EXAM chapter 1,2,3,4,5 and 6</b>				
7	7	LIST MANIPULATION	OCTOBER	16
8	8	DICTIONARIES		
9	9	INTRODUCTION TO PYTHON MODULES		
10	10	INTRODUCING PYTHON PANDAS	NOVEMBER	24
11	11	PYTHON PANDAS-II - DATA FRAMES AND OTHER OPERATIONS		
12	12	DATA TRANSFER BETWEEN FILES, SQL DATABASES AND DATA FRAMES		
13	13	RELATIONAL DATABASES	DECEMBER	24
14	14	SIMPLE QUERIES IN SQL		
15	15	TABLE CREATION AND DATA MANIPULATION		
16	16	TABLE JOINS AND INDEXES IN SQL		
17	17	CYBER SAFETY		
18	18	ONLINE ACCESS AND COMPUTER SECURITY		



## Split of Syllabus for the Session 2019-20

### Subject – Mathematics (041), Class - XI

Month	No. of Days	Unit/ Topic	Marks
June & July	39	1. Sets	29
		2. Relation and Functions	
		3. Trigonometric Functions	
August	24	4. Mathematical Induction	37
		5. Complex Numbers and Quadratic Equations	
		6. Linear Inequalities	
September	23	<b>Half Yearly Exam (40% Syllabus : Chapter 1 to 6 As per NCERT Text Book)</b>	
		7. Permutations and combinations	
October	16	8. Binomial Theorem	
		9. Sequence and series	
November	24	10. Straight lines	13
		11. Conic sections	
		12. Introduction to three dimensional geometry	
December	24	13. Limits and derivatives	06
		14. Mathematical reasoning	03
		15. Statistics	12
January	24	16. Probability	
		Revision	
February	17	Revision	

# D.A.V. PUBLIC SCHOOL, SECL, BARTUNGA, CHIRIMIRI

## SYLLABUS – 2019-2020

### CLASS - XI

## PHYSICAL EDUCATION

SR. NO.	MONTHS	DAYS	NAME OF CHAPTER
1	JUNE	12	CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION
2	JULY	27	OLYMPIC MOVEMENTS PHYSICAL FITNESS, WELLNESS AND LIFE STYLE PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY ABLED
3	AUGUST	24	YOGA, PHYSICAL ACTIVITY AND LEADERSHIP TRAINING
4	SEPTEMBER	23	HALF YEARLY EXAMINATION
5	OCTOBER	16	TEST MEASUREMENT AND EVALUATION FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY
6	NOVEMBER	24	KINESIOLOGY, BIOMECHANICS AND SPORTS PSYCHOLOGY AND SPORTS
7	DECEMBER	24	TRAINING IN SPORTS DOPING
8	JANUARY	24	REVISION
9	FEBRUARY	17	ANNUAL EXAMINATION

### **PHYSICAL EDUCATION 40% Syllabus For Half Yearly Examination**

S NO. NAME OF CHAPTER

1. CHANGING TREND AND CAREER IN PHYSICAL EDUCATION
2. OLYMPIC MOVEMENT
3. PHYSICAL FITNESS, WELLNESS AND LIFE STYLE
4. PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY ABLED
5. YOGA

## SPLIT-UP SYLLABUS SESSION 2019-2020

### CLASS-XI SUB-PHYSICS

MONTH	NO.OF WORKING DAYS	DETAIL SYLLABUS
JUNE	12	Physical World, Units and Measurements
JULY	27	Motion in a Straight Line, Motion in Plane, Laws of Motion
AUGUST	24	Work, Energy and Power, Systems of Particles and Rotational Motion, Gravitation
SEPTEMBER	23	Mechanical Properties of Solids, <b>Revision, Half Yearly Exam (40%)</b>
OCTOBER	16	Mechanical Properties of Fluids
NOVEMBER	24	Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases.
DECEMBER	24	Oscillations, Waves, Ray-optics
JANUARY	24	<b>Revision</b>
FEBRUARY	17	<b>Revision</b>
TOTAL	225	

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क्रमांक	माह	दिवस	आरोह/वितान	रचनात्मक लेखन/अपठित बोध
1	जून	12	आरोह – (गद्य भाग) 1) नमक का दरोगा (काव्य भाग) – 1 कबीर	1) रचनात्मक लेखन 2) अपठित बोध
2	जुलाई	27	आरोह – (गद्य भाग) मियां नसीरुद्दीन विदाई संभाषण (काव्य भाग) – मीरा के पद वितान – 1) भारतीय गायिकाओं में बेजोड़ लता मंगेशकर	1) जनसंचार माध्यम 2) रचनात्मक लेखन 3) अपठित बोध
3	अगस्त	24	आरोह – (गद्य भाग) 5) गलत लोहा (काव्य भाग) – 4)वे आँखे  5) घर की याद	1) पत्रकारिता के विविध आयाम 2) रचनात्मक लेखन 3) अपठित बोध
4	सितम्बर	23	पुनरावृत्ति(40% Syllabus up to August) For Half Yearly Exam	पुनरावृत्ति
5	अक्टूबर	16	आरोह – (गद्य भाग) 6) स्पीति में बारिश (काव्य भाग) 6) चंपा काले-काले अक्षर वितान – 2) राजस्थान की रजत बुँदें	1) जनसंचार माध्यम, पत्रकारिता के विविध आयाम 2) अपठित बोध 3) रचनात्मक लेखन
6	नवम्बर	24	ओरोह – (गद्य भाग) 7) रजनी 8) जामुन का पेड़ काव्य भाग – 7) गजल 8) अक्क महादेवी वितान – आलो आँधारि	1)जनसंचार माध्यम, पत्रकारिता के विविध आयाम 2) रचनात्मक लेखन 3) अपठित बोध
7	दिसम्बर	24	आरोह – (काव्य भाग) 9) सबसे खतरनाक 10) आओ मिलकर बचाएँ गद्य भाग 9) भारत माता	1) अपठित बोध 2) रचनात्मक लेखन 3) जनसंचार माध्यम, पत्रकारिता के विविध आयाम
8	जनवरी	24	पुनरावृत्ति	पुनरावृत्ति
9	फरवरी	17	पुनरावृत्ति	पुनरावृत्ति

अंक विभाजन

खण्ड 'क' – (अपठित बोध)

- 1) अपठित गद्यांश 10 अंक
- 2) अपठित काव्यांश 05 अंक  
15 अंक

खण्ड 'ख' – (रचनात्मक लेखन)

- 1) निबंध लेखन 10 अंक
- 2) कार्यालयी पत्र 05 अंक
- 3) जनसंचार माध्यम और पत्रकारिता के विभिन्न आयाम 05 अंक
- 4) फीचर, रिपोर्ट, आलेख लेखन 05 अंक  
25 अंक

खण्ड 'ग' – (पाठ्यपुस्तक) – 50 अंक

- (1) आरोह भाग – 9 (35 अंक)

(अ) काव्य भाग

- 1) काव्यांश पर अर्थ ग्रहण से संबंधित चार प्रश्न (2+2+2+2) – 08 अंक
- 2) एक काव्यांश के सौंदर्यबोध पर दो प्रश्न (3+3) – 06 अंक
- 3) कविता की विषयवस्तु पर आधारित तीन लघूत्तरात्मक प्रश्न (2+2+2) – 06 अंक

(ब) गद्य भाग

- 1) गद्यांश पर आधारित अर्थग्रहण से संबंधित तीन प्रश्न (2+2+2) – 06 अंक
- 2) पाठों की विषयवस्तु पर आधारित तीन बोधत्मक प्रश्न (3+3+3) – 09 अंक

(2) वितान भाग – 9 (पूरक पुस्तक) 15 अंक

- 1) पाठों की विषयवस्तु पर आधारित एक मुल्यपरक प्रश्न 05 अंक
- 2) विषयवस्तु पर आधारित दो निबंधात्मक प्रश्न (5+5) 10 अंक

- (घ) मौखिक परीक्षा (श्रवण तथा वाचन) 10 अंक

कुल – 100 अंक