SYLLABUS 2019-20

CLASS XI

ENGLISH

M.M: 100

NAME OF BOOKS

1. HORNBILL

2. SNAPSHOTS

Unit Test Weightage :

Section A : Reading & Comprehension 18 Marks

Section B : Writing Skills 14 Marks

Section C : Literature & Long Reading Text 18 Marks

Quarterly, Half Yearly & Annual Weightage

Section A	**Reading**	**20 Marks**
Section B	**Writing Skills & Grammar**	**30 Marks**
Section C	**Literature**	**30 Marks**
Section D	**Conversation & Listening Tasks (ASL)**	**20 Marks**

MONTH	UNIT	CHAPTERS / TOPICS TO BE COVERED
APRIL	READING	UNSEEN PASSAGE/NOTE MAKING
	WRITING	NOTICE
	HORNBILL	1. THE PORTRAIT OF A LADY
		2. A PHOTOGRAPH (POEM)
	SNAPSHOTS	1. THE SUMMER OF THE BEAUTIFUL WHITE HORSE
MAY	WRITING	1. ARTICLE
		2. FACTUAL DESCRIPTION
	GRAMMAR	1. TENSES
	HORNBILL	1. WE'RE NOT AFRAID TO DIE IF WE CAN ALL BE TOGETHER
		2. LANDSCAPE OF THE SOUL
JUNE	WRITING	LETTERS TO THE EDITOR
	GRAMMAR	DETERMINERS
	SNAPSHOTS	THE ADDRESS
JULY	**Unit Test I (Syllabus April - June)**	
	WRITING	1. REPORT WRITING
		2. SPEECH
		3. ADVERTISEMENT
	HORNBILL	1. DISCOVERING TUT: THE SAGA CONTINUES
		2. THE LABURNUM TOP
AUGUST	WRITING	1. LETTERS TO THE PRINCIPAL OR SCHOOL AUTHORITIES REGARDING ADMISSION, SCHOOL ISSUES, REQUIREMENTS OR SUITABILITY OF COURSES ETC.
		2. POSTER
	HORNBILL	THE AILING PLANET: THE GREEN MOVEMENT'S ROLE
	SNAPSHOTS	1. RANGA'S MARRIAGE
		2. ALBERT EINSTEIN AT SCHOOL
SEPTEMBER	**Quarterly Examination(Syllabus April - August)**	
	HORNBILL	THE VOICE OF THE RAIN (POEM)
OCTOBER	WRITING	1. JOB APPLICATION
	HORNBILL	1. THE BROWNING VERSION
		2. THE ADVENTURE

NOVEMBER	WRITING	BUSINESS & OFFICIAL LETTERS (FOR MAKING ENQUIRIES,REGISTERING COMPLAINTS,ASKING FOR & GIVING INFORMATION,PLACING ORDERS AND GIVING REPLIES
	GRAMMAR	ACTIVE AND PASSIVE VOICE
	HORNBILL	1.CHILDHOOD (POEM)
	SNAPSHOTS	1.MOTHER'S DAY
DECEMBER	**Halfyearly Examination(Syllabus April - November)**	
	GRAMMAR	MODALS
	HORNBILL	FATHER TO SON (POEM)
	SNAPSHOTS	THE GHAT OF THE ONLY WORLD
JANUARY	GRAMMAR	CLAUSES
	HORNBILL	SILK ROAD
	SNAPSHOTS	1. BIRTH
		2. THE TALE OF THE MELON CITY (POEM)
February		**Annual Examination(Syllabus April - Jan.)**

EXAMINATION SCHEDULE		
EXAMINATION	**THEORY (MM)**	**MONTH (TENTATIVE)**
UNIT TEST - I	**50**	**JULY**
QUARTERLY	**80**	**SEPTEMBER**
HALFYEARLY	**80 +20 (ASL)**	**DECEMBER**
ANNUAL	**80+20 (ASL)**	**FEBRUARY**

SYLLABUS 2019-20

CLASS-XI

PHYSICS (042)

M.M. : 70 (Theory) + 30 Practical = 100

MONTHS	UNIT	CHAPTERS/TOPICS TO BE COVERED	Unit Test	Quarterly	Half Yearly	Annual
APRIL	Unit-1	Physical World & Measurements	20	10	5	23
MAY/JUNE	Unit-2	Kinematics	30	18	8	
JULY	**Unit Test I (Syllabus April - June)**		**50**			
	Unit-3	Laws of Motion		15	8	
AUGUST	Unit-4	Work, Power & Energy		12	8	17
	Unit-5	Motion of System of Particles & Rigid Body		15	8	
SEPTEMBER	**Quarterly Examination(Syllabus April - August)**			**70**		
	Unit-6	Ch-8 Gravitation			10	
OCTOBER/ NOVEMBER	Unit-7	Properties of Bulk Matter			15	20
	Unit-8	Thermodynamics			8	
DECEMBER	**Halfyearly Examination(Syllabus April - November)**				**70**	
	Unit-9	Behaviour of Perfect Gases & Kinetic Theory of Gases				
JANUARY	Unit-10	Mechanical Waves				10
FEBRUARY	**ANNUAL EXAMINATION (April- January Course)**				**Total**	**70**

Note : All the papers should be set according to the board pattern.

Recommended Books : NCERT Text books Class XI

EXAMINATION SCHEDULE			
EXAMINATION	THEORY	PRACTICAL	**MONTH (TENTATIVE)**
UNIT TEST - I	50		**JULY**
QUARTERLY	70		**SEPTEMBER**
HALFYEARLY	70	30	**DECEMBER**
ANNUAL	70	30	**FEBRUARY**

PRACTICALS Total periods: 60

The record, to be submitted by the students, at the time of their annual examination, has to include:

Record of at least 15 Experiments (with a minimum of 6 from each section), to be performed by the students.

Record of at least 5 Activities (with a minimum of 2 each from section A and section B), to be demonstrated by the teachers.

Report of the project to be carried out by the students.

EVALUATION SCHEME

Time Allowed: 3 hours	**Max. Marks: 30**
Two experiments one from each section	8+8 Marks
Practical record (experiment and activities)	6 Marks
Investigatory Project	3 Marks
Viva on experiments, activities and project	5 Marks
Total	30 marks

SECTION - A

Experiments

1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
2. To measure diameter of a given wire and thickness of a given sheet using screw gauge.
3. To determine volume of an irregular lamina using screw gauge.
4. To determine radius of curvature of a given spherical surface by a spherometer.
5. To determine the mass of two different objects using a beam balance.
6. To find the weight of a given body using parallelogram law of vectors.
7. Using a simple pendulum, plot its L-T^2 graph and use it to find the effective length of second's pendulum.
8. To study variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result.
9. To study the relationship between force of limiting friction and normal reaction and to find the co. efficient of friction between a block and a horizontal surface.
10. To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination 8 by plotting graph between force and sin.

Activities (for the purpose of demonstration only)

1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.
2. To determine mass of a given body using a metre scale by principle of moments.
3. To plot a graph for a given set of data, with proper choice of scales and error bars.
4. To measure the force of limiting friction for rolling of a roller on a horizontal plane.
5. To study the variation in range of a projectile with angle of projection.
6. To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane).
7. To study dissipation of energy of a simple pendulum by plotting a graph between square of amplitude a time.

SECTION - B

Experiments

1. To determine Young's modulus of elasticity of the material of a given wire.
2. To determine the surface tension of water by capillary rise method.
3. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.
4. To determine specific heat capacity of a given solid by method of mixtures.

5 a) To study the relation between frequency and length of a given wire under constant tension using sonometer.

b) To study the relation between the length of a given wire and tension for constant frequency using sonometer.

6 To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.

7 To find the value of v for different values of u in case of a concave mirror and to find the focal length.

8 To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v.

9 To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.

10 To determine refractive index of a glass slab using a travelling microscope.

Activities (for the purpose of demonstration only)

1 To observe change of state and plot a cooling curve for molten wax.

2 To observe and explain the effect of heating on a bi-metallic strip.

3 To note the change in level of liquid in a container on heating and interpret the observations.

4 To study the effect of detergent on surface tension of water by observing capillary rise.

5 To study the factors affecting the rate of loss of heat of a liquid.

6 To study the effect of load on depression of a suitably clamped metre scale loaded at
(i) its end (ii) in the middle.

7 To observe the decrease in pressure with increase in velocity of a fluid.

8 To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.

9 To study the nature and size of the image formed by a convex lens, (l) concave mirror on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).

10 To obtain a lens combination with the specified focal length by using two lenses from the given set of lenses.

SYLLABUS CLASS-XI (2019-20)						
CHEMISTRY(043)						
MONTH	**CHAPTER**	**TOPICS TO BE COVERED**	**UNIT TEST**	**QUARTERLY**	**HALF YEARLY**	**ANNUAL**
APRIL	1	Some Basic Concepts of Chemistry	18	6	3	3
	2	Structure of Atom	22	12	6	5
MAY	3	Classification of Elements and Periodicity in Properties	10	8	4	4
JUNE		**Revision of Unit 1, 2 & 3**				
JULY		**Unit Test I (Syllabus April - June)**	**50**			
	4	Chemical Bonding and Molecular Structure		12	5	4
	8	Redox Reactions		6	3	3
AUGUST	12	Organic Chemistry: SOME BASIC PRINCIPLES & TECHNIQUES		16	10	6
	13	Hydrocarbons		10	10	8
SEPTEMBER		**Quarterly Examination(Syllabus April - August)**		**70**		
	5	States of Matter: Gases and Liquids			5	4
OCTOBER	9	Hydrogen			3	3
	10	S-Block Elements			6	4
NOVEMBER	11	p-Block Elements			10	10
	6	Thermodynamics			5	5
DECEMBER		**Halfyearly Examination(Syllabus April - November)**			**70**	
	7	Equilibrium (Chemical)				7
JANUARY	7	Equilibrium (Ionic)				
	14	Environmental Chemistry				4
FEBRUARY		**ANNUAL EXAMINATION (FULL SYLLABUS)**				**70**

EXAMINATION SCHEDULE			
EXAMINATION	THEORY	PRACTICAL	**MONTH (TENTATIVE)**
UNIT TEST - I	50		**JULY**
QUARTERLY	70		**SEPTEMBER**
HALFYEARLY	70	30	**DECEMBER**
ANNUAL	70	30	**FEBRUARY**

Class – XI

Chemistry Practical Details

A. Basic Laboratory Techniques **(Periods 2)**

1. Cutting glass tube and glass rod.
2. Bending a glass tube.
3. Drawing out the glass jet.
4. Boring a cork

B. Characterization and Purification of Chemical Substances **(Periods 6)**

1. Determination of melting point of an organic compound
2. Determination of boiling point of an organic compound
3. Crystallization of an impure sample of any one of the following - alum, copper, sulphate, benzoic acid.

C. Experiments based on pH **(Periods 6)**

(a) Any one of the following experiments:

Determination of pH of some solutions obtained from fruit juices, solutions of known and varied concentrations of acids, bases and salts using pH paper or universal indicator.

Comparing the pH of solutions of strong and weak acids of same concentration.

Study of pH change during the titration of a strong base with a strong acid using universal indicator.

(b) Study of pH change by common-ion effect in case of weak acids and weak bases.

D. Chemical Equilibrium **(Periods 4)**

One of the following experiments:

(a) Study of shift in equilibrium between ferric ions and thiocyanate ions by Increasing/Decreasing the concentration of either of the ions.

(b) Study the shift in equilibrium between $[CO(H_2O)_6]^{2+}$ and chloride ions by changing the concentration of either of the ions.

E. Quantitative Estimation **(Periods 16)**

(i) Using a chemical balance.

(ii) Preparation of standard solution of oxalic acid.

(iii) Determination of strength of a given solution of sodium hydroxide by titrating it against standard solution of oxalic acid.

(iv) Preparation of standard solution of sodium carbonate.

(v) Determination of strength of a given solution of hydrochloric acid by titrating it against standard sodium carbonate solution.

F. Qualitative analysis **(Periods 16)**

a) Determination of one anion and one cation in a given salt.

Cations: **Pb^{++}, Cu^{++}, Al^{3+}, Fe^{3+}, Mn^{++}, Ni^{++}, Zn^{2+}, Co^{++}, Ca^{++}, Sr^{++}, Ba^{++}, Mg^{++}, $[NH_4]^+$**

Anions: **CO_3^-, S^-, SO_3^-, SO_4^-, NO_3^-, Cl^- Br^-, I^-, PO_4^{3-}, $C_2O_4^-$, CH_3COO^-**

(NOTE – insoluble salt included).

b) Detection of Extra Elements – nitrogen, sulphur, chlorine, bromine and iodine in an organic compound.

PROJECT **(Periods 10)**

Scientific investigations involving laboratory testing and collection information from other sources.

A. Few suggested Projects:-

. Checking the bacterial contamination in drinking water by testing sulphide ion.

. Study of the methods of purification of water.

. Testing the hardness, presence of ion, fluoride, chloride etcdepending upon the regional variation in

drinking water and study of causes of presence of these ions above permissible limit (if any).

. Investigation of the foaming capacity of different washing soaps and the effect of addition of sodium carbonate on it.

. Determination of the rate of evaporation of different liquids.

. Study the effects of acids and base on the tensile strength of fibers.

. Study the acidity of different samples of tea leaves.

. Study of acidity of fruit and vegetable juices.

Note: Any other investigation projects which involves above 10 periods of work, can be chosen with the approval of the teacher.

Recommended Textbooks:

1. Chemistry Part-I Published by NCERT 2006.
2. Chemistry Part-II, Published by NCERT 2006.

SYLLABUS 2019-20
Class - XI
MATHEMATICS

Months	Unit	Topics To Be Covered	UNIT TEST	QUARTERLY	HALF YEARLY	ANNUAL
APRIL	1	SETS	6	8	3	7
	1	RELATIONS AND FUNCTIONS	6	8	5	8
MAY	1	TRIGNOMETRIC FUNCTIONS	12	12	8	8
	2	PRINCIPLE OF MATHEMATICAL INDUCTION	6	7	5	5
JUNE	2	COMPLEX NUMBERS AND QUADRATIC EQUATIONS	12	12	7	5
	2	LINEAR INEQUALITIES	8	8	5	6
JULY	**Unit Test I (Syllabus April - June) & 'Linear Inequalities' from July Syllabus**		**50**			
	2	PERMUTATIONS AND COMBINATIONS		11	7	5
AUGUST	2	BINOMIAL THEOREM		**8**	8	4
	3	INTRODUCTION TO 3-D GEOMETRY		6	2	2
SEPTEMBER		**REVISION**				
	Quarterly Examination(Syllabus April - August)			**80**		
	2	SEQUENCES AND SERIES			7	5
OCTOBER	3	STRAIGHT LINES			8	4
	3	CONIC SECTIONS			7	4
NOVEMBER	4	LIMITS AND DERIVATIVES			8	5
DECEMBER		**REVISION**				
	Halfyearly Examination(Syllabus April - November)				**80**	
	6	STATISTICS				5
JANUARY	6	PROBABILITY				5
	5	MATHEMATICAL REASONING				2
FEBRUARY	**Annual Exam From Entire Syllabus**					**80**

EXAMINATION SCHEDULE		
EXAMINATION	**THEORY (MM)**	**MONTH (TENTATIVE)**
UNIT TEST - I	**50**	**JULY**
QUARTERLY	**80**	**SEPTEMBER**
HALFYEARLY	**80+20**	**DECEMBER**
ANNUAL	**80+20**	**FEBRUARY**

SYLLABUS 2019-20

Class - XI

BIOLOGY

Month	Unit	Chapters/ Topics to be covered	UNIT TEST	QUARTERLY	HALF YEARLY	ANNUAL
April	I	**DIVERSITY IN THE LIVING WORLD**				10
	Ch-1	The Living World	10	5	3	
	Ch-2	Biological Classification	10	6	3	
	Ch-3	Plant Kingdom	15	6	4	
May	Ch-4	Animal Kingdom	15	6	3	
	II	**STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS**				12
June	Ch-5	Morphology of Flowering Plants		6	4	
	Ch-6	Anatomy of Flowering Plants		7	4	
July	Ch-7	Structural Organisation in animals		6	4	
		Unit Test I (Syllabus April - June)	**50**			
	III	**CELL: STRUCTURE AND FUNCTIONS**				15
Aug	Ch-8	Cell: The Unit of Life		7	4	
	Ch-9	Biomolecules		7	3	
	Ch-10	Cell Cycle and cell Division		7	5	
	IV	**PLANT PHYSIOLOGY**				18
Sept	Ch-11	Transport in Plants		7	4	
		Quarterly Examination(Syllabus April - August)		**70**		
Oct	Ch-12	Mineral Nutrition			5	
	Ch-13	Photosynthesis in Higher Plants			7	
	Ch-14	Respiration in Plants			7	
Nov	Ch-14	Respiration in Plants (contd.)				
	Ch-15	Plant Growth and Development			5	
	V	**HUMAN PHYSIOLOGY**				18
Dec	Ch-16	Digestion and Absorption			5	
		Halfyearly Examination(Syllabus April - November)			70	
	Ch-17	Breathing And Exchange of Gases				
	Ch-18	Body Fluids and Circulation				
Jan	Ch-19	Excretory Products and their Elimination				
	Ch-20	Locomotion And Movement				
	Ch-21	Neural Control And Coordination				
	Ch-22	Chemical Coordination and Integration				
Feb		**ANNUAL EXAM from entire syllabus**				**70**

Note : All the papers should be set according to the board pattern.

Recommended Books : NCERT Text books Class XI

EXAMINATION SCHEDULE			
EXAMINATION	THEORY	PRACTICAL	**MONTH (TENTATIVE)**
UNIT TEST - I	50	-	**JULY**
QUARTERLY	70	30	**SEPTEMBER**
HALFYEARLY	70	30	**DECEMBER**
ANNUAL	70	30	**FEBRUARY**

CLASS – XI

SUBJECT – BIOLOGY

Practical 30 Marks

List of Experiment

SECTION – A

Study and describe three locally available common flowering plants from each of the following families (Solanaceae, fabaceae & liliaceae) including dissecetion & display of floral whorls and anther and overy of show number of chambers. Type of roots(Tap & Adventitious); stem(Herbaceous &woody) Leaf (arrangement, shape, venation, simple & compound) Preparation & study of T.S. of dicor & monocot roots & stem (Primary).

Study of osmosis by potato osmometer.

Study of distribution of stomata in the upper and lower surface of leaves.

Comparative study of the rates of transpiration in the upper & lower surface of the leaves.

Test for the presence of sugar, starch, proteins & fats. To detect them in suitable plant & animal materials.

Separation of plants pigments through paper chromatography.

To study the rate of respiration in plants buds/leaf tissue & germination seed.

To test the presence of urea in urine.

To detect the presence of sugar in urine/blood sample.

To detect the presence of albumin in urine.

To detect the presence of bile salts in urine.

SECTION – B (Spotting)

- Study parts of compound microscope.
- Study for the specimen & identification with Measomel bacteria, Oscillatoria, Spirogyra, Rhizopus.
- Mushrooms, Yeast, Liverwort, Moss, Fern, Pine, One Monocot plant & One Dicot plant & One Lichen.
- Study of the specimen & identification with reasons Amoeba, Hydra, Liver flike, Ascaris, Leech.
- Earth worm, Prawn, Silkworm, Honeybee, Snail, Starfish, Shark, Rohu, Frog, Lizard, Pigeon & Rabbit.
- Study of tissue & diversity in shapes & sizes of plants & animal cell (e.g. palisade cells, guard cells, parenchyma, collenclyma, muscle fibers & mammalian blood smear) through temporary/permanent slides.
- Study of mitosis in onion root tips cells & animal cells (grasshopper) from permanent slides.
- Study of the different modifications in roots, stem & leaves.
- Study & identification of different types of inflorescence.
- Observation and comments of the experimental set up for showing:

a	Anaerobic respiration	**b**	Phototropism
c	Apical bud removal	**d**	Suction due to transpiration

- Study of human skeleton & different types of joints V.
- Study of external morphology of cockroach through model.

Recommended Book – NCERT Book.

SYLLABUS 2019-20

Class - XI

ACCOUNTANCY

MONTH	Unit	CHAPTERS TOPICS TO BE COVERED	UNIT TEST	QUARTERLY	HALF YEARLY	ANNUAL
APRIL	1	THEORETICAL FRAMEWORK	25	25	12	12
MAY / JUNE	2	ACCOUNTING PROCESS:				
		RECORDING OF TRANSACTIONS	25	32	11	8
JULY	2	PREPARATION OF LEDGER , TRIAL BALANCE & BANK RECONCILIATION STATEMENT		12	10	8
		Unit Test I (Syllabus April - June)	**50**			
AUGUST	2	DEPRECIATION & PROVISION AND RESERVE		11	10	8
SEPTEMBER		**Quarterly Examination(Syllabus April -**		**80**		
	3	FINANCIAL STATEMENT WITHOUT ADJUSTMENTS			6	4
OCTOBER	3	FINANCIAL STATEMENT WITH ADJUSTMENTS			13	12
NOVEMBER	2	ACCOUNTING FOR BILLS OF EXCHANGE			12	6
		RECTIFICATION OF ERRORS			6	6
DECEMBER		**Halfyearly Examination(Syllabus April -**			**80**	
	3	ACCOUNTS FROM INCOMPLETE RECORD PROJECT WORK				6
JANUARY	4	COMPUTER IN ACCOUNTING				10
FEBRUARY		**Annual Exam from entire syllabus**				**80**

EXAMINATION SCHEDULE			
EXAMINATION	THEORY	PRACTICAL	**MONTH**
UNIT TEST - I	50		**JULY**
QUARTERLY	80		**SEPTEMBER**
HALFYEARLY	80	20	**DECEMBER**
ANNUAL	80	20	**FEBRUARY**

SYLLABUS 2019-20
CLASS - XI
ECONOMICS (030)

Month	Unit/Chapter	Topic/Chapter to be covered	UNIT TEST	QUARTERLY	HALF - YEARLY	ANNUAL
April	1 Statistics	Introduction	3	3	3	Distribution of Weightage as per CBSE
	1 Economics	Introduction	5	6	4	
	2 Statistics	Collection of Data	7	5	3	
MAY	3 Statistics	Organisation of Data	15	6	4	
	2 Economics	Consumer's Equilbrium	10	10	14	
June	3 Economics	Theory of Demand	10	12		
July	3 Economics	Elasticity of Demand	-	4		
	4 Statistics	Presentation of Data	-	12	6	
	UNIT TEST of 50 Marks out of April,May and June Syllabus					
August	4 Economics	Production Function	-	8	6	
	5 Statistics	Measures of Central Tendency	-	14	10	
	5 Statistics	Revision	-	-	-	
September		**PROJECT WORK**	-	20	-	
	Quarterly Examination(Syllabus April - August)					
October	6 Statistics	Measures of Dispersion	-	-	14	
	5 Economics	Concept of Cost	-	-	16	
November	6 Economics	Concept of Revenue	-	-		
	7 Economics	Producer's Equilbrium	-	-		
	8 Economics	Theory of Supply and Elasticity of Supply	-	-		
		PROJECT WORK	-	-	20	
	Halfyearly Examination(Syllabus April - November)					
December & January	7 Statistics	Correlation	-	-	-	
	8 Statistics	Index Number	-	-	-	
	9 Economics	Forms of Market and Price Determination under Perfect Competition with Simple Applications	-	-	-	
February		**PROJECT WORK**	-	-	-	20
		ANNUAL EXAMINATION FROM ENTIRE SYLLABUS				
TOTAL			50	**100**	**100**	**100**
NOTE:	(i) The paper for Half Yearly and Annual Examination will be set for 80 marks (Theory) + 20 marks (Practical) as per CBSE guidelines.					
	(ii) Teachers and students are requested to go through the syllabus 2019-20 throughly for internal changes of content made by CBSE.					
	(iii) 50 percent weightage for stats and 50 percent weightage for Micro Economics must be given in all exams.					

Unit Wise Marks Distribution for Annual examination As Per CBSE

Unit		Marks
Part A	**Statistics for Economics**	
	Introduction	13
	Collection, Organisation and Presentation of Data	
	Statistical Tools and Interpretation	27
Part B	**Introductory Microeconomics**	
	Introduction	4
	Consumer's Equilibrium and Demand	13
	Producer Behaviour and Supply	13
	Forms of Market and Price Determination under perfect competition with simple applications	10
		40

EXAMINATION SCHEDULE			
EXAMINATION	THEORY	PRACTICAL	**MONTH (TENTATIVE)**
UNIT TEST	50	-	**JULY**
QUARTERLY	80	20	**SEPTEMBER**
HALFYEARLY	80	20	**DECEMBER**
ANNUAL	80	20	**FEBRUARY**

SYLLABUS 2019-20

CLASS - XI

BUSINESS STUDIES

MONTH	CHAPTERS	TOPICS TO BE COVERED	UNIT TEST	QUARTERLY	HALF YEARLY	ANNUAL
APRIL	1	NATURE &PURPOSE OF BUSINESS	10	20	8	
MAY	2 & 7	FORMS OF BUSINESS ORGANISATION & F	22	24	10	16
JUNE	3	PVT,PUBLIC & GLOBAL ENTERPRISES	18	14	10	14
JULY	4	BUSINESS SERVICES		10	8	
	UNIT TEST (April, May & June Syllabus)		**50**			
AUGUST	5	EMERGING MODES OF BUSINESS		12	10	
SEPTEMBER	**Quarterly Examination(Syllabus April - August)**			**80**		
	6	SOCIAL RESPONSIBILITY OF BUSINESS & BUSINESS ETHICS			12	10
OCTOBER	7	SOURCES OF BUSINESS FINANCE			12	
NOVEMBER	8	SMALL BUSINESS			10	20
DECEMBER	**Halfyearly Examination(Syllabus April - November)**				**80**	
	9	INTERNAL TRADE				
JANUARY	10	INTERNATIONAL BUSINESS				20
FEBRUARY		REVISION				
		ANNUAL EXAM(FULL COURSE)				**80**

EXAMINATION	THEORY (MM)	PRACTICAL(MM)	MONTH(TENTATIVE)
UNIT TEST - I	50	-	JULY
QUARTERLY	80	**20**	SEPTEMBER
HALF-YEARLY	80	20	DECEMBER
ANNUAL	80	20	FEBRUARY

SYLLABUS 2019-20
CLASS - XI
COMPUTER SCIENCE

M.M. : 70 (Theory) + 30(Practical) Marks **Books Recommended : Python by Sumita Arora**

Month	Unit	Chapters/Topics To be covered	Unit Test	Quarterly	Half Yearly	Annual
April	II	Getting Started with Python	15	10	2	2
	II	Python Fundamentals	20	10	2	2
	I	Insight into Program Execution	5	5	2	2
May / June	II	Data Handling	10	10	2	4
July		**Unit Test I (Syllabus April - June)**	**50**			
	II	Conditional and lterative statement		15	4	10
August	I	Computer System Overview		10	2	2
	I	Data Representation		10	5	3
September		**Quarterly Examination(Syllabus April - August)**		**70**		
	IV	Cyber safety			5	5
	IV	Online Access and Computer Security			5	5
	II	Strings Manipulation			6	2
October	II	List Manipulation			10	2
	II	Tuples			6	2
	II	Dictionaries			10	4
November	II	Debugging Programs			2	2
	I	Boolean Logic			5	3
	II	Understanding Sorting			2	2
December		**Halfyearly Examination(Syllabus April - November)**			**70**	
	III	Relational Databases				3
	III	Basics of NoSQL Data Base MoNGoBD				3
January	III	Simple Queries in SQL				3
	III	Table creation and Manipulation commands				3
February		**Annual Examination(Syllabus April - Jan.)**				**70**

Note: Every exam include 30 marks practical			
S.No.	Unit Name	Marks Total 30	
1	Lab Test(12 Marks)		
	a) Python Program (60% logic + 20% documentation + 20% code quality)	8	
	b) SQL Programs (At least 4 queries)	4	
2	Report File + Viva(10 Marks)		
	Report File : Minimum20 Python Programs and 8 SQL commands	7	
	Viva Voce based on the report file	3	
3	Project (That uses most of the concepts that have been learnt)	8	
	Total Marks	**30**	

EXAMINATION SCHEDULE

Examination	Theory (MM)	Practical (MM)	Month (Tentative)
UNIT TEST - I	50	-	July
QUARTERLY	70	30	September
HALF-YEARLY	70	30	December
ANNUAL	70	30	February

BOARD WEIGHTAGE OF THE ANNUAL EXAMINATION

UNIT 1	10
UNIT 2	35
UNIT 3	15
UNIT 4	10
Total	70

पाठ्यक्रम सत्र–2019–20

कक्षा–11वीं

हिन्दी आधार (कोड संख्या–302)

पुस्तक का नामः–
आरोह (भाग–1)
वितान (भाग–1)
अभिव्यक्ति और माध्यम

इकाई परीक्षा का अंकभार	**– 50**
खण्ड–कः–गद्य पाठों पर आधारित प्रश्नोत्तर	**–20**
खण्ड–खः–काव्य पाठों पर आधारित प्रश्नोंत्तर	**–20**
खण्ड–गः–रचनात्मक लेखन और कार्यालय पत्र	**–10**
अर्द्धवार्षिक/वार्षिक परीक्षा का अंकभार	**–80**
खण्ड–क–अपठित गद्यांश	**–12**
अपठित काव्यांश–	**–4**
खण्ड–ख–कार्यालय हिन्दी एवं रचनात्मक लेखन	**–20**
खण्ड–ग–पाठ्य पुस्तक (अ)16 (ब)16	**– 32**
वितान	**–12**

प्रकाशन–N.C.E.R.T.

माह	**पुस्तक**	**इकाई/पाठ सं0**	**शीर्षक/पाठ का नाम**
अप्रैल	आरोह वितान व्याकरण	1–गद्य	नमक का दारोगा भारतीय गायिकाओं में बेजोड़ लता मंगेशकर सामान्य व्याकरणिक कार्य।
मई	आरोह व्याकरण	1–पद्य 2–गद्य	कबीर मियॉ नसीरूद्दीन अपठित (काव्यांश,गद्यांश) पत्र–लेखन, अनुच्छेद लेखन
जून	आरोह	2(पद्य) जनसंचार	मीरा परिचय एवं समाचार लेखन , दी गई घटना स्थिति के आधार पर दृश्य लेखन (विकल्प सहित)
जुलाई	आरोह	4,5 (गद्य) 4 (पद्य)	विदाई–संभाषण, गलता लोहा सुमित्रानंदन पंत औपचारिक पत्र , स्वतंत्र लेखन , रोजगार संबंधी आवेदन पत्र
प्रथम इकाई परीक्षा पूर्णांक–50			
अगस्त	आरोह	6 (गद्य) 5,6 (पद्य)	स्पीति में बारिश भवानी प्रसाद मिश्रा, रिपोर्ट–लेखन , व्यावहारिक लेखन (प्रतिवेदन/प्रेस विज्ञप्ति , परिपत्र , कार्यसूची कार्यवृत्त आदि) विकल्प सहित
सितम्बर	**पुनरावृत्ति एवं त्रैमासिक –परीक्षा पूर्णांक–80**		
			त्रिलोचन

अक्टूबर	आरोह	7,8 (गद्य) 7 (पद्य)	रजनी, जामुन का पेड़ दुष्यन्त कुमार संपादकीय–लेखन , शब्दकोष परिचय से संबंधित एक प्रश्न विकल्प सहित
नवम्बर	आरोह वितान जनसंचार	9 (गद्य) 2	भारत–माता राजस्थान की रजत बूँदें फीचर एवं आलेख–लेखन
दिसम्बर	**पुनरावृत्ति एवं अर्धवार्षिक परीक्षा पूर्णांक–80**		
	आरोह	8	अक्क महादेवी
जनवरी	वितान	10 (पद्य) , 3	निर्मला पुतुल आलो ऑधारि
फरवरी	**पुनरावृत्ति एवं वार्षिक परीक्षा पूर्णांक–80**		

नोटः–निम्नलिखित पाठ से प्रश्न नहीं पूछे जाएंगे।

आरोह (भाग–1) **1–अप्पू के साथ ढाईसाल**

2–आत्मा का ताप

3–पथिक

4–सबसे खतरनाक

SYLLABUS 2019-2020

CLASS XI

BUSINESS ENTREPRENEURSHIP

M.M:70 (Theory)+ 30(Practical)= 100

Month	Chapter	Chapters/Topics	Unit Test	Quarterly	Half Yearly	Annual
April	1	Entrepreneurship, Concept & functions	25	10	10	15
May/June	2	An Entrepreneur	**25**	20	10	
July	**UNIT TEST of 50 Marks out of April,May and June syllabus**		**50**			
	3	Entrepreneurial journey		20	10	**20**
August	4	Entrepreneurship as Innovation & problem solving		20	10	
September		Revision of Chapter 1 to 4				
	QUARTERLY EXAMINATION of 70 Marks out of April to September syllabus			**70**		
October	5	Understanding of market			**20**	15
November	6	Business Finance &Arithematic			10	20
December		Revision of Chapter 1 to 6				
	HALF YEARLY EXAMINATION of 70 Marks out of April to November syllabus					
January	7	Resource Mobilization				
February		Revision of Chapter 1 to 7				
	ANNUAL EXAMINATION (Syllabus April - Jan.)				**70**	**70**

NOTE:-Practical:30 Marks(Refer to the guidelines issued by CBSE)

Project Work(any three)10 Marks each:

(i)Visit and report of DIC (ii)Case Study

(iii)Field Visit

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	50	-	JULY
QUARTERLY	70	30	SEPTEMBER
HALF YEARLY	70	30	DECEMBER
ANNUAL	70	30	FEBRUARY

SYLLABUS 2019-2020

CLASS XI

PHYSICAL EDUCATION

MM: 70(Theory) + 30(Practical) = 100

MONTH	Unit / ch	Chapter Name	Unit Test	Quarterly	Half Yearly	Annual
APRIL	1	Changing trends and career in Physical education	15	15	5	4
	2	Olympic Value Education	10	10	5	4
MAY	3	Physical Fitness ,wellness in lifestyle	15	10	5	4
JUNE	4	Physical Education and Sports for CWSN	10	15	5	4
JULY	**Unit Test I (Syllabus April - June)**		**50**			
	5	Yoga		10	10	9
AUGUST	6	Physical Activity and Ledership training		10	5	4
SEPTEMBER	**Quarterly Examination(Syllabus April - August)**			**70**		
	7	Test Measurement and Evaluation			**10**	**9**
OCTOBER	8	Fundamental of Anatomy and Physiology & Kinesiology in Sports			15	14
NOVEMBER	9	Psychology and Sports			10	9
DECEMBER	**Halfyearly Examination(Syllabus April - November)**				**70**	
	10	Training & Doping in sports				9
JANUARY		REVISION				
FEBRUARY		**ANNUAL EXAMINATION**				**70**

EXAMINATION SCHEDULE			
Examination	**Theory (MM)**	**Practical (MM)**	**Month (Tentative)**
UNIT TEST - I	**50**	**-**	**July**
QUARTERLY	**70**	**30**	**September**
HALF-YEARLY	**70**	**30**	**December**
ANNUAL	**70**	**30**	**February**

PRACTICAL	**M.M. : 30**
1- Physical Fitness (AAHPER)	10
2- Skill of any one individual game of choice	10
3- VIVA	5
4- Record File	5

RECORD FILE SHALL INCLUDE:

Practical 1- Labelled diagram of 400 metre and field with computation .

Practical 2- Computation of BMI from family or neighbourhood and graphical representation of the data.

Practical 3- Labelled diagram of field and equipment of any one game of your choice .

Practical 4- Explanation and list of current National Awardees(Dronacharya Award, Arjuna Award , Rajiv Gandhi Khel Ratna Award).

Practical 5- Pictorial presentation of any five Asanas for improvimng concentration.

NOTE: WEIGHTAGE OF CHAPTERS IS NOT GIVEN IN THE CBSE

SYLLABUS 2019-20
Class - XI
HISTORY

Month	Unit/Chapter	Topics/Chapters to be Covered	Unit Test	Quarterly	Half Yearly	Annual
APRIL-MAY	1	Introduction to World History				DISTRIBUTION OF WEIGHTAGE AS PER CBSE AS MENTIONED BELOW
	2	Introduction	**15**	**5**		
	3	From the beginning of time	**15**	**15**	**5**	
	4	Early Cities	**20**	**10**	**10**	
UNIT TEST 1 (APRIL-MAY SYLLABUS)						
JUNE-JULY	5	Introduction		**5**		
	6	An empire across three continents		**10**	**10**	
	7	The Central Islamic Lands		**10**	**10**	
	8	Nomadic Empires		**10**	**10**	
	9	Introduction		**5**		
	10	Three Orders		**10**	**5**	
AUGUST	11	Changing Cultural Traditions			**10**	
SEPTEMBER	12	Confrontation of Cultures			**10**	
	QUARTERLY EXAM (APRIL - JULY)					
OCTOBER	13	Introduction				
NOVEMBER	14	The Industrial Revolution			**10**	
REVISION + HALF YEARLY EXAM (APRIL TO NOVEMBER)						
DECEMBER	15	Displacing Indigenous People				
JANUARY	16	Paths to Modernisation				
FEBRUARY	**ANNUAL EXAMINATION**					
		TOTAL	**50**	**80**	**80**	

Unit Wise Marks Distribution For Annual Examinations As Per CBSE

Unit/Chapter	UNITS	Marks
Section A	Early Societies	19
Section B	Empires	19
Section C	Changing Traditions	19
Section D	Paths to Modernization	19
	Map Work (Units 1-11)	4
	Project Work	20
	Total	**100**

SESSION 2019-20
Class XI
Political Science

Project Work : **20 Marks**
Grand Total: **100 Marks**

S.NO.	Book & Chapter	Month	UT	Qua	H.Y.	Annual
PART -A INDIAN CONSTITUTION AT WORK						
1	Constitution at work	April	15	5	3	10
2	Rights in the Indian constitution	April	15	5	3	
3	Election & Representation	July		6	3	8
4	Executive	July		6	3	
5	Legislature	Aug		8	4	8
6	Judiciary	Aug		8	4	
7	Federalism	Sep			10	8
8	Local Govt	Oct			10	
9	Constitution as a living document	Nov				6
10	The Philosophy oh the Constitution	Nov				
	TOTAL					**40**
PART – B POLITICAL THEORY						
1	Pol.Th: an introduction	April	20	6	3	8
2	Freedom	July		8	3	
3	Equality	July		6	3	8
4	Social Justice	Aug		6	3	
5	Right	Aug		8	4	8
6	Citizenship	Aug		8	4	
7	Nationalism	Oct			10	8
8	Secularism	Oct			10	
9	Peace	Nov				8
10	Development	Nov				
	TOTAL		**50**	**80**	**80**	**40**

SYLLABUS- 2019-20

CLASS- XI [029]

SUBJECT- GEOGRAPHY

TOTAL MARKS- 70 **TIME: 3Hrs.**

Names of Books: - PART-I Fundamentals of Physical Geography

PART- II India- Physical Environment

PART- III Practical Work - 30 Marks

MONTH	BOOK	UNIT/CHAPTERS	TOPICS/CHAPTERS	WEIGHTAGE			
				Unit Test	Quarterly	Half Yearly	Annual
APRIL	A	CHAPTER 1	GEOGRAPHY AS A DISCIPLINE	10	4	4	DISTRIBUTION OF WEIGHTAGE AS PER CBSE AS MENTIONED BELOW
	B	CHAPTER 1	INDIA- LOCATION	13	6	5	
MAY	B	CHAPTER 2	STRUCTURE AND PHYSIOGRAPHY	15	9	4	
	A	CHAPTER 2	THE ORIGIN AND EVOLUTION OF THE EARTH	12	9	6	
UNIT TEST I				**50 MARKS**			
JUNE	A	CHAPTER 3	INTERIOR OF THE EARTH		8	6	
	A	CHAPTER 4	DISTRIBUTION OF OCEANS AND CONTINENTS		4	4	
JULY	A	CHAPTER 5	MINERALS AND ROCKS		8	4	
	A	CHAPTER 6	GEOMORRPHIC PROCESSES		6	5	
	B	CHAPTER 3	DRAINAGE SYSTEM		6	5	
	B	CHAPTER 4	CLIMATE			4	
AUGUST	A	CHAPTER 7	LANDFORMS AND THEIR EVOLUTION		6	5	
	A	CHAPTER 8	ATMOSPHERE		4	4	
	A	CHAPTER 9	SOLAR RADIATION, HEAT BALANCE			3	
QUARTERLY EXAM [BOOK A_CH- 1-8 .BOOK B_CH- 1-3]					**70 MARKS**		
OCTOBER	A	CHAPTER 10	ATMOSPHERIC CIRCULATION			4	
	A	CHAPTER 11	WATER IN THE ATMOSPHERE			3	
	B	CHAPTER 5	NATURAL VEGETATION			4	
HALF- YEARLY EXAM [BOOK A_CH- 1-11. BOOK B_ CH- 1-5]					**70 MARKS**		
NOVEMBER	A	CHAPTER 12	WORLD CLIMATE AND CLIMATE CHANGE				
	A	CHAPTER 13	WATER [OCEAN]				
	B	CHAPTER 6	SOILS				
	B	CHAPTER 7	NATURAL HAZARDS AND DISASTERS				
DECEMBER	A	CHAPTER 14	MOVEMENTS OF OCEAN WATER				
	A	CHAPTER 15	LIFE ON THE EARTH				
	A	CHAPTER 16	BIODIVERSITY				

PRACTICAL		**30 MARKS**
UNIT- 1	FUNDAMENTALS OF MAP	10
UNIT- 2	TOPOGRAPHIC AND WEATHER MAP	15
PRACTICAL RECORD BOOK AND VIVA		5