

ANNUAL
CURRICULUM
PLAN

CLASS XI COMMERCE
(SESSION: 2019-20)

**(to be read with CBSE Curriculum available
on CBSE Website: cbseacademic.in)**

INDEX

S.No.	Topic	Page No.
1	Annual Calendar (Session: 2019-20)	3 – 5
2	Test Schedule	6 – 7
3	Curriculum Plan of English Core	8 – 12
4	Examination Syllabus of English Core	13
5	Curriculum Plan of Accountancy	14 – 20
6	Examination Syllabus of Accountancy	21
7	Curriculum Plan of Business Studies	22 – 29
8	Examination Syllabus of Business Studies	30
9	Curriculum Plan of Economics	31 – 34
10	Examination Syllabus of Economics	35
11	Curriculum Plan of Mathematics	36 – 39
12	Examination Syllabus of Mathematics	40
13	Curriculum Plan of Computer Science	41 – 44
14	Examination Syllabus of Computer Science	45
15	Curriculum Plan of Physical Education	46 – 49
16	Examination Syllabus of Physical Education	50
17	Instructions for Parents	51

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL

ANNUAL CALENDAR (SESSION: 2019-20)

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
April 2019 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
	Session begins					
7	8	9	10	11	12	13
World Health Day					Baisakhi Celebrations	Holiday (Ram Navmi)
14	15	16	17	18	19	20
Baisakhi / Dr. Ambedkar Jayanti			Holiday (Mahavir Jayanti)	World Heritage Day	Holiday (Good Friday)	
21	22	23	24	25	26	27
		World Book & Copyright Day		Inter House Solo Song & Dance (Sr.) Competition	Inter House Volleyball Match	
28	29	30				
		Parent Teacher Meeting				

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
May 2019 (Working days = 12+13)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			Intl. Labour Day		Commencement of Periodic Test 1	
5	6	7	8	9	10	11
		Rabindranath Tagore's B'Day	World Red Cross Day	Culmination of Periodic Test 1		Holiday for students on account of 2 nd Saturday
12	13	14	15	16	17	18
Mother's Day			International Day of the Family		* Commencement of Summer Break for Class LKG - VIII / Extra Class for IX - XII	Holiday (Buddha Purnima)
19	20	21	22	23	24	25
CAREER WEEK						
26	27	28	29	30	31	*
					Anti Tobacco Day	* subject to change as per Govt. Instructions

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
June 2019 (Working days = 01)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
	Commencement of Summer Break for Class IX - XII		Holiday (Id-Ul-Fitr)			
			World Environment Day			
9	10	11	12	13	14	15
16	17	18	19	20	21	22
					International Day of Yoga	
23	24	25	26	27	28	29
30						

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
July 2019 (Working days = 26)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
	The school will open after Summer Vacation Commencement of Van Mahotsav Week					
7	8	9	10	11	12	13
				World Population Day		Holiday for students on account of 2 nd Saturday
14	15	16	17	18	19	20
					Inter House Solo Song (Jr.) Competition	Inter House Yoga Competition
21	22	23	24	25	26	27
				Inter House Solo Dance (Jr.) Competition	Inter House kho-kho competition	
					Kargil Victory Day	World Nature Conservation Day
28	29	30	31			
	Investiture Ceremony		Parent Teacher Meeting			

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL ANNUAL CALENDAR (SESSION: 2019-20)

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
August 2019 (Working days = 22)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3 Holiday (Teej)
4	5	6	7	8	9	10 Holiday for students on account of 2 nd Saturday
11	12 Holiday (Id-Ul-Zuha)	13 Independence Celebrations Week Commencement of Sanskrit Week	14 Independence Celebrations Week	15 Holiday (Independence Day & Rakshabandhan)	16 Inter House Basketball Match	17
18	19	20	21 World Senior Citizens' Day	22	23	24 Holiday (Janmashtami)
25	26	27 Inter House Solo Song (Sr.) Competition	28 Inter House Solo Dance (Sr.) Competition	29 National Sports Day	30 Inter House Taekwondo Competition	31 Parent Teacher Meeting

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
September 2019 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 Teachers' Day Celebrations	6	7
8	9 Commencement of Half Yearly Exam.	10 Holiday (Muharram)	11	12	13	14 Holiday for students on account of Second Saturday
15	16	17 Culmination of Half Yearly Exam.	18	19	20	21
22	23	24	25	26	27 Inter House Badminton Match	28 World Tourism Day
29 World Day	30 Parent Teacher Meeting					

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
October 2019 (Working days = 20)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 International Day for the Elderly	2 Holiday (Gandhi Jayanti)	3	4 World Animal Welfare Day	5
6	7 Holiday (MahaNavami)	8 Holiday (Dussehra)	9 World Post Day	10 National Post Day World Sight Day	11 Intl. Day of the Girl Child	12 Holiday for students on account of 2 nd Saturday
13	14	15	16 World Food Day	17 Holiday (Karva Chauth)	18-19 Inter House Football Match	
20	21	22	23	24 United Nations Day World Devp. Information Day	25	26
27 Diwali	28 Holiday (Govardhan Pooja)	29 Holiday (Bhai Dooj)	30	31		

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
November 2019 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Holiday (Haryana Day)	2
3	4	5 World Tsunami Awareness Day	6	7	8	9 Holiday for students on account of 2 nd Saturday
10 Id-E-Milad	11	12 Holiday (Guru Nanak Devji's Birthday)	13	14 Children's Day Celebrations Diabetes Day	15	16
17	18	19	20	21	22-23 Inter House Chess Competition	
24	25	26 Constitution Day (National Law Day)	27	28	29 Inter House Group Song Competition	30 Parent Teacher Meeting

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL ANNUAL CALENDAR (SESSION: 2019-20)

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
December 2019 (Working days = 22)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 World Day of the Handicapped	4 Indian Navy Day	5	6	7 Indian Armed Forces Flag Day
8	9 Commencement of Periodic Test 2 / Pre-Board Exam.	10 Human Rights Day	11	12	13	14 Holiday for students on account of 2 nd Saturday
15	16	17 Culmination of Periodic Test 2 / Pre-Board Exam.	18	19	20	21 Inter House Group Dance Competition
22 National Mathematics Day	23 Farmer's Day (Kisan Diwas)	24 Christmas Celebrations	25 Holiday (Christmas) Good Governance Day	26	27 Annual Sports Meet	28 Parent Teacher Meeting
29	30 *Commencement of Winter Break	31	* subject to change as per Govt. instructions			

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
January 2020 (Working days = 21)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 *Culmination of Winter Break
5	6	7	8	9	10	11 Holiday for students on account of 2 nd Saturday
12 Santosh Wickramada's Day	13	14	15 Holiday (Makar Sankranti)	16 Commencement of Pre-Board Exam. of Class XII	17	18
19	20	21	22	23	24 Culmination of Pre-Board Exam. of Class XII	25 Republic Day Celebrations Farewell to Class XII
26 Republic Day	27	28	29	30 Martyrs' Day	31 Parent Teacher Meeting	* subject to change as per Govt. instructions

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
February 2020 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 Commencement of Board Practicals of Class XII
2	3 Commencement of Annual Exam. of class IX & XI	4	5	6	7	8 Holiday for students on account of 2 nd Saturday
9	10	11	12	13	14 Culmination of Annual Exam. of class IX	15
16	17	18	19	20 Culmination of Annual Exam. of class XI	21 Holiday (Mahashivratri)	22
24	24	25	26	27	28 National Science Day	29 Parent Teacher Meeting

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
March 2020 (Working days = 10)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 Commencement of Annual Examination for Class I - VIII	6	7
8 International Women's Day	9	10 Holiday (Holi)	11	12	13	14 Holiday for students on account of 2 nd Saturday
15	16	17	18 Culmination of Annual Examination	19	20	21
22 World Day for Water	23	24	25	26	27 Result Declaration	28
29	30	31				

TEST SCHEDULE

Periodic Test 1	Subject
10.05.2019 (Friday)	Accountancy
13.05.2019 (Monday)	Economics
14.05.2019 (Tuesday)	Mathematics
15.05.2019 (Wednesday)	Business Studies
16.05.2019 (Thursday)	Physical Education
17.05.2019 (Friday)	English

Half Yearly Exam.	Subject
06.09.2019 (Friday)	<i>Accountancy Practical</i>
07.09.2019 (Saturday)	<i>Economics Practical</i>
09.09.2019 (Monday)	Accountancy
11.09.2019 (Wednesday)	Mathematics
12.09.2019 (Thursday)	English
13.09.2019 (Friday)	Economics
16.09.2019 (Monday)	Business Studies
17.09.2019 (Tuesday)	Physical Education
18.09.2019 (Wednesday)	<i>Physical Edu. Practical</i>
19.09.2019 (Thursday)	<i>Business Studies Practical</i>

TEST SCHEDULE

Periodic Test 2	Subject
06.12.2019 (Friday)	<i>Computer Sc. / Physical Edu. Practical</i>
07.12.2019 (Saturday)	<i>Accountancy Practical</i>
09.12.2019 (Monday)	Accountancy
10.12.2019 (Tuesday)	English
12.12.2019 (Thursday)	Computer Sc. / Physical Education
13.12.2019 (Friday)	Economics
16.12.2019 (Monday)	Mathematics
17.12.2019 (Tuesday)	Business Studies
18.12.2019 (Wednesday)	<i>Economics Practical</i>
19.12.2019 (Thursday)	<i>Business Studies Practical</i>

Annual Exam.	Subject
03.02.2020 (Monday)	English
05.02.2020 (Wednesday)	Accountancy
07.02.2020 (Friday)	Economics
10.02.2020 (Monday)	Mathematics
12.02.2020 (Wednesday)	Computer Sc. / Physical Education
14.02.2020 (Friday)	Business Studies
17.02.2020 (Monday)	<i>Economics Practical</i>
18.02.2020 (Tuesday)	<i>Computer Sc. / Physical Edu. Practical</i>
19.02.2020 (Wednesday)	<i>Business Studies Practical</i>
20.02.2020 (Thursday)	<i>Accountancy Practical</i>

**Curriculum Plan of English Core
(Session: 2019-2020)**

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
April Topic: The Portrait of a Lady No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Portrait of a Lady • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Selflessness, Kindness, Respect & Acceptance.
Topic: A Photograph No. of Periods: 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on: A Photograph • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Critical evaluation of the theme conveyed by the poet	Transience of human life, death, and mysteries surrounding them.
Topic: The Summer of the Beautiful White Horse No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Summer of the Beautiful White Horse • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Extrapolating the story read or life of characters after the story ends/ defending the characters' actions in the story	Truthfulness, Pure Conscience & Integrity.
May	Periodic Test - 1			
Topic: We're Not Afraid to Die...If We Can All Be Together No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on We're Not Afraid to Die...If we Can All Be Together. • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Comparing and contrasting the characters within the story and with other characters in stories by the same author or by the other authors	Virtue of courage, optimism & togetherness in the face of adversity.
Topic: The Laburnum Top No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on The Laburnum Top • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Commentary on the central idea conveyed through the poem	Challenges of life.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: The Address No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Address • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Silent reading of prescribed/ selected texts for comprehension	Destruction, pain & loss of lives caused by War.
Topic: Writing Section No. of Periods: 04	Notice Writing, Formal Letter – Letter to the Editor	<ul style="list-style-type: none"> • Assignment on Notice & Letter • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Write notices & letters for school events/processes to develop writing skills.	Art of writing & clarity of thoughts.
July Topic: Discovering Tut: the Saga Continues No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Discovering Tut: the Saga Continues • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Language learning activities such as role-play, dramatization, group discussion, writing, etc.	Mystery surrounding the life and death of Egyptian ruler Tutankhamun.
Topic: The Voice of the Rain No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on The Voice of the Rain • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Silent reading of prescribed/ selected texts for comprehension	Rain and its natural-cycle for the benefit of earth and the life it supports
Topic: Albert Einstein at School No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Albert Einstein at School • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Encouraging students to role- play as various characters to interact with one another	Unconventional education system.
Topic: Writing Section No. of Periods: 03	Article Writing	<ul style="list-style-type: none"> • Assignment on Article • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Express opinions, facts & arguments	Art of writing & clarity of thoughts
August Topic: Landscape of the Soul No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Landscape of the Soul • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Critical evaluation of the plot, storyline and characters	Study of European and Chinese paintings & subtleties of reality and art.
Topic: Childhood No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on Childhood • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Appreciating the idea conveyed through the poem.	Innocence of Childhood and rationality & hypocrisy of adulthood.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Ranga’s Marriage No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Ranga’s Marriage • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Group and pair activities like group discussion etc.	Conflict between tradition & modernity.
Topic: Writing Section No. of Periods: 03	Advertisements, Debate Writing	<ul style="list-style-type: none"> • Assignment on Debate • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Express opinions, facts, arguments in the form of a debate	Art of writing & clarity of thoughts
Topic: Reading Section No. of Periods: 02	Unseen Passage (Note Making)	<ul style="list-style-type: none"> • Assignment on Reading Comprehension • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Reading of prescribed/selected text for comprehension	Skill of Reading & Comprehension
September	Half Yearly Examination and ASL			
October Topic: The Ailing Planet - The Green Movement’s Role No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Ailing Planet- The Green Movement’s Role • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Role playing as authors/ poets/ dramatists to defend their works and characters	Man’s greed & exploitation of earth’s resources.
Topic: Mother’s Day No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on Mother’s Day • Discussion of Scoring Points/Marking Scheme/Sample Questions 	General discussion of the theme conveyed by the poet	Status of women in a household and her love, devotion & sincerity towards the members of her family.
Topic: The Browning Version No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Browning Version • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Dramatizing incidents from the story	National identity of a person.
Topic: Writing Section No. of Periods: 02	Speech Writing	<ul style="list-style-type: none"> • Assignment on Speech • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Develop writing skills & creativity in students.	Art of writing & clarity of thoughts

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Reading Section No. of Periods: 02	Unseen Passage (Note Making)	<ul style="list-style-type: none"> • Assignment on Reading Comprehension • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Reading of prescribed/ selected text for comprehension	Skill of Reading & Comprehension
November Topic: The Adventure No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Adventure • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Critical evaluation of the plot, storyline and characters	History of British India.
Topic: Father to Son No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on Father to Son • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Extrapolating the theme conveyed by the poet	Generation gap and lack of communication
Topic: Birth No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Birth • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Making an audio story out of the text to be read aloud	Significance of Call of Duty in one's life.
Topic: Writing Section No. of Periods: 02	Report Writing	<ul style="list-style-type: none"> • Assignment on Report • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Express opinions, facts, arguments in the form of a report	Art of writing & clarity of thoughts
December Topic: Silk Road No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Silk Road • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Ancient trade routes
Topic: The Tale of Melon City No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Tale of Melon City • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Critical evaluation of the theme conveyed by the poet	Ancient system of Kingdom rule.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Ghat of the Only World No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Ghat of the Only World • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Extrapolating the story read or life of characters after the story ends/ defending the characters' actions in the story	Friendship & Commitment
Topic: Writing Section No. of Periods: 02	Poster Making	<ul style="list-style-type: none"> • Assignment on Poster • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Develop writing skills & creativity in students.	Art of writing & clarity of thoughts
Topic: Reading Section No. of Periods: 02	Unseen Passage (Note Making)	<ul style="list-style-type: none"> • Assignment on Reading Comprehension • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Reading of prescribed/selected text for comprehension	Skill of Reading & Comprehension
December	Periodic Test – 2			
January	Revision & Practice			
February	Annual Examination and ASL			

EXAMINATION SYLLABUS

Sr. No.	Examination	Syllabus		
		Hornbill	Snapshots	Grammar
1	Periodic Test 1	<ul style="list-style-type: none"> • The Portrait of a Lady • A Photograph 	<ul style="list-style-type: none"> • The Summer of the Beautiful White Horse 	Writing Skills <ul style="list-style-type: none"> • Informal Letter • Notice
2	Half Yearly Examination	<ul style="list-style-type: none"> • The Portrait of a Lady • A Photograph • We're Not Afraid to die... If We Can All Be Together • Discovering Tut: the Saga Continues • Childhood • The Voice of the Rain • Landscape of the Soul 	<ul style="list-style-type: none"> • The Summer of the Beautiful White Horse • The Address • Ranga's Marriage • The Laburnum Top • Albert Einstein at School 	Writing Skills <ul style="list-style-type: none"> • Formal Letter • Notice • Advertisements • Article • Speech • Debate Reading Skills <ul style="list-style-type: none"> • Unseen Passage • Note Making
3	Periodic Test 2	<ul style="list-style-type: none"> • The Portrait of a Lady • A Photograph • We're Not Afraid to die... If We Can all Be Together • Discovering Tut: the Saga Continues • Childhood • The Ailing Planet – The green moment's rule 	<ul style="list-style-type: none"> • The Summer of the Beautiful White Horse • The Address • Ranga's Marriage • Albert Einstein at School • Mother's Day 	Writing Skills <ul style="list-style-type: none"> • Formal Letter, • Notice • Advertisements • Article • Speech • Debate Reading Skills <ul style="list-style-type: none"> • Unseen Passage • Note Making
4	Annual Examination	Full Syllabus		

NOTE: There will be a class test and an assignment after every lesson.

**Curriculum Plan of Accountancy
(Session: 2019-2020)**

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
April Topic: Introduction to Accounting No. of Periods: 15	<ul style="list-style-type: none"> • Accounting- concept, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business. • Basic Accounting Terms- Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Fixed assets (Tangible and Intangible), Expenditure (Capital and Revenue), Expense, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Introduction to Accounting • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Topic selection	<ul style="list-style-type: none"> • describe the meaning, significance, objectives, advantages and limitations of accounting in the modern economic environment with varied types of business and non-business economic entities. • identify / recognise the individual(s) and entities that use accounting information for serving their needs of decision making. • explain the various terms used in accounting and differentiate between different related terms like current and non-current, capital and revenue. • give examples of terms like business transaction, liabilities, assets, expenditure and purchases.
Topic: Theory Base of Accounting No. of Periods: 10	<ul style="list-style-type: none"> • Fundamental accounting assumptions: GAAP: Concept • Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Theory Base of Accounting 		<ul style="list-style-type: none"> • explain that sales/purchases include both cash and credit sales/purchases relating to the accounting year. • differentiate among income, profits and gains. • state the meaning of fundamental accounting assumptions and their relevance in accounting. • describe the meaning of accounting assumptions and the situation in which an assumption is applied during the accounting process.

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
	<ul style="list-style-type: none"> ● System of Accounting. Basis of Accounting: cash basis and accrual basis ● Accounting Standards: Applicability in IndAS ● Goods and Services Tax (GST): Characteristics and Objective. 	<ul style="list-style-type: none"> ● Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> ● explain the meaning and objectives of accounting standards. ● appreciate that various accounting standards developed nationally and globally are in practice for bringing parity in the accounting treatment of different items. ● acknowledge the fact that recording of accounting transactions follows double entry system. ● explain the bases of recording accounting transaction and to appreciate that accrual basis is a better basis for depicting the correct financial position of an enterprise. ● Understand the need of IFRS ● Explain the meaning, objective and characteristic of GST.
May – June Topic: Recording of Business Transactions No. of Periods: 30	<ul style="list-style-type: none"> ● Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit. ● Recording of Transactions: Books of Original Entry- Journal ● Special Purpose books: ● Cash Book: Simple, cash book with bank column and petty cashbook ● Purchases book ● Sales book ● Purchases return book 	<ul style="list-style-type: none"> ● Assignment <ul style="list-style-type: none"> ○ Recording of Business Transactions ● Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Research	<ul style="list-style-type: none"> ● explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation. ● explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital, revenue and expenses. ● appreciate that on the basis of source documents, accounting vouchers are prepared for recording transaction in the books of accounts. ● develop the understanding of recording of transactions in journal and the skill of calculating GST.

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
	<ul style="list-style-type: none"> Sales return book <p><i>Note: Including trade discount, freight and cartage expenses for simple GST calculation.</i></p> <ul style="list-style-type: none"> Ledger: Format, Posting from journal and subsidiary books, Balancing of accounts 			<ul style="list-style-type: none"> explain the purpose of maintaining a Cash Book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions in Cash book.
July Topic: Bank Reconciliation Statement No. of Periods: 12	<ul style="list-style-type: none"> Need and preparation, Bank Reconciliation Statement with Adjusted Cash Book 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Bank Reconciliation Statement Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Data Collection	<ul style="list-style-type: none"> describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books. appreciate that at times bank balance as indicated by cash book is different from the bank balance as shown by the pass book / bank statement and to reconcile both the balances, bank reconciliation statement is prepared. develop understanding of preparing bank reconciliation statement.
Topic: Depreciation, Provisions and Reserves No. of Periods: 20	<ul style="list-style-type: none"> Depreciation: Concept, Features, Causes, factors Other similar terms: Depletion and Amortisation Methods of Depreciation: <ol style="list-style-type: none"> Straight Line Method (SLM) Written Down Value Method (WDV) <p><i>Note: Excluding change of method</i></p> <ul style="list-style-type: none"> Difference between SLM and WDV; Advantages of SLM and WDV Accounting treatment of depreciation 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Depreciation, Provisions and Reserves 		<ul style="list-style-type: none"> appreciate that for ascertaining the position of individual accounts, transactions are posted from subsidiary books and journal proper into the concerned accounts in the ledger and develop the skill of ledger posting. explain the necessity of providing depreciation and develop the skill of using different methods for computing depreciation. understand the accounting treatment of providing depreciation directly to the concerned asset account or by creating provision for depreciation account.

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
	i. Charging to asset account ii. Creating provision for depreciation/ accumulated depreciation account iii. Treatment for disposal of asset • Provisions and Reserves: Difference • Types of Reserves: i. Revenue reserve, ii. Capital reserve iii. General reserve, iv. Specific reserve v. Secret Reserve • Difference between capital and revenue reserve	• Discussion of Scoring Points/ Marking Scheme/ Sample Questions		• appreciate the method of asset disposal through the concerned asset account or by preparing asset disposal account. • appreciate the need for creating reserves and also making provisions for events which may belong to the current year but may happen in next year. • appreciate the difference between reserve and reserve fund.
August Topic: Accounting for Bills of Exchange No. of Periods: 18	• Bill of exchange and Promissory Note: Definition, Specimen, Features, Parties. • Difference between Bill of Exchange and Promissory Note • Terms in Bill of Exchange: i. Term of Bill ii. Accommodation bill (concept) iii. Days of Grace iv. Date of maturity v. Discounting of bill vi. Endorsement of bill vii. Bill after due date viii. Negotiation ix. Bill sent for collection x. Dishonour of bill xi. Retirement of bill xii. Renewal of bill • Accounting Treatment <i>Note: excluding accounting treatment for accommodation bill</i>	• Assignment ○ Accounting for Bills of Exchange • Discussion of Scoring Points/ Marking Scheme/ Sample Questions	First Draft	• acquire the knowledge of using bills of exchange and promissory notes for financing business transactions; • understand the meaning and distinctive features of these instruments and develop the skills of their preparation. • state the meaning of different terms used in bills of exchange and their implication in accounting. • explain the method of recording of bill transactions.

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
Topic: Trial balance and Rectification of Errors No. of Periods: 09	<ul style="list-style-type: none"> • Trial balance: objectives and preparation (Scope: <i>Trial balance with balance method only</i>) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Trial balance and Rectification of Errors 		<ul style="list-style-type: none"> • state the need and objectives of preparing trial balance and develop the skill of preparing trial balance.
September Topic: Trial balance and Rectification of Errors No. of Periods: 16	Half Yearly Examination			
	<ul style="list-style-type: none"> • Errors: types-errors of omission, commission, principles, and compensating; their effect on Trial Balance. • Detection and rectification of errors; preparation of suspense account. 	<ul style="list-style-type: none"> • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> • appreciate that errors may be committed during the process of accounting. • understand the meaning of different types of errors and their effect on trial balance. • develop the skill of identification and location of errors and their rectification and preparation of suspense account.
October Topic: Financial Statements No. of Periods: 30	Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet: need, grouping and marshalling of assets and liabilities. Preparation. Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Financial Statements • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Final Submission	<ul style="list-style-type: none"> • state the meaning of financial statements • the purpose of preparing financial statements. • state the meaning of gross profit, operating profit and net profit and develop the skill of preparing trading and profit and loss account. • explain the need for preparing balance sheet. • understand the technique of grouping and marshalling of assets and liabilities. • appreciate that there may be certain items other than those shown in trial balance which may need adjustments while preparing financial statements.

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
November Topic: Financial Statements No. of Periods: 15	Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.			<ul style="list-style-type: none"> develop the understanding and skill to do adjustments for items and their presentation in financial statements like depreciation, closing stock, provisions, abnormal loss etc.
Topic: Incomplete Records No. of Periods: 10	Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method. Difference between accounts from incomplete records and Statement of Affairs. Preparation of Trading, Profit and Loss account and Balance Sheet.	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Incomplete Records Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> develop the skill of preparation of trading and profit and loss account and balance sheet. state the meaning of incomplete records and their uses and limitations. develop the understanding and skill of computation of profit / loss using the statement of affairs method.
December Topic: Computers in Accounting No. of Periods: 15	Periodic Test - 2			
	<ul style="list-style-type: none"> Introduction to computer and accounting information system { AIS}: Introduction to computers (elements, capabilities, limitations of computer system) Introduction to operating software, utility software and application software. Introduction to accounting information system (AIS) as a part of Management Information System. Automation of accounting process: meaning Stages in automation: (a) Accounting process in a computerised 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Computers in Accounting Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> state the meaning of a computer, describe its components, capabilities and limitations. state the meaning of accounting information system. appreciate the need for use of computers in accounting for preparing accounting reports. develop the understanding of comparing the manual and computerized accounting process and appreciate the advantages and limitations of automation.

Month Topic	Sub Topic	Assignment /Discussion	Project	Learning Outcomes After going through this unit, the student will be able to:
	<p>environment; comparison between manual accounting process and computerised accounting process,</p> <p>(b) Sourcing of accounting software; kinds of software: readymade software; customised software and tailor-made software; generic considerations before sourcing accounting software</p> <p>(c) creation of account groups and hierarchy</p> <p>(d) generation of reports – trial balance, profit and loss account and balance sheet</p>			<ul style="list-style-type: none"> • understand the different kinds of accounting software.
January	Revision			
February	Annual Examination			

EXAMINATION SYLLABUS



PERIODIC TEST – 1

Unit 1

HALF YEARLY EXAMINATION

Unit 1 & 2 (excluding Bills of Exchange)

PERIODIC TEST – 2

Units 1 – 3 (excluding Incomplete Records)

.

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test after every chapter.

Curriculum Plan of Business Studies
(Session: 2019-2020)

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
April Topic: Evolution and Fundamentals of Business No. of Periods: 18	History of trade and commerce in India: Indigenous banking system, rise of intermediaries transport, trading communities: Merchant cooperation, major trade centres, Major imports and exports, position of Indian sub-continent in the world economy.		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Nature and purpose of Business • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Topic Selection	<ul style="list-style-type: none"> • To acquaint the history of trade and commerce in India
	<ul style="list-style-type: none"> • Business-meaning and characteristics 	<ul style="list-style-type: none"> • Understand the meaning of business with special references to economic and non-economic activities. • Discuss the characteristics of business. 			
	<ul style="list-style-type: none"> • Business, profession and employment-concept 	<ul style="list-style-type: none"> • Understand the concept of business, profession and employment. • Differentiate between business, profession and employment. 			
	<ul style="list-style-type: none"> • Objectives of business 	<ul style="list-style-type: none"> • Appreciate the economic and social objective of business. • Examine the role of profit in business. 			
	<ul style="list-style-type: none"> • Classification of business activity- Industry and commerce 	<ul style="list-style-type: none"> • Understand the broad categories of business activities-industry and commerce 			

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
	<ul style="list-style-type: none"> • Industry types: primary, secondary and tertiary meaning and subgroups 		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Nature and purpose of Business • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> • Describe the various types of industries
	<ul style="list-style-type: none"> • Commerce trade: types- internal, external, wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication and advertising)-meaning 				<ul style="list-style-type: none"> • Discuss the meaning of trade and auxiliaries to trade. • Discuss the meaning of different types of trade and auxiliaries to trade. • Examine the role of commerce, trade and auxiliaries to trade.
	<ul style="list-style-type: none"> • Business risk-concept 				<ul style="list-style-type: none"> • Understand the concept of risk as a special characteristic of business. • Examine the nature and causes of business risk.
Topic: Forms of Business organization No. of Periods: 24	<ul style="list-style-type: none"> • Sole proprietorship – concept, merits and limitations 	Video on “Formation of a company”	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Forms of Business organization • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> • List the different forms of business organization and understand their meaning. • Identify and explain the concept, merits and limitations of sole proprietorship.
	<ul style="list-style-type: none"> • Partnership-concept, types, merits and limitations of partnership, registration of a partnership firm, partnership deed, Types of partner 				<ul style="list-style-type: none"> • Identify and explain the concept, merits and limitations of a partnership firm. • Understand the types of partnership on the basis of liability. • State the need for registration of a partnership firm. • Discuss the types of partner-active, sleeping, secret, and nominal and partner by estoppels.
	<ul style="list-style-type: none"> • Hindu undivided family business-concept 				<ul style="list-style-type: none"> • Discuss the concept of Hindu undivided family business.

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
	<ul style="list-style-type: none"> • Cooperative societies- concept, merits and limitations 		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Forms of Business organization • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> • Identify and explain the concept, merits and limitations of cooperative societies. • Understand the concept of producer, consumer, marketing, farmers, credit and housing cooperatives.
	<ul style="list-style-type: none"> • Company-concept, merits and limitations; types: private, public and one person-concept 				<ul style="list-style-type: none"> • Identify and explain the concept, merits and limitations of private and public companies. • Understand the meaning of one Person Company. • Distinguish between a private and a public company
	<ul style="list-style-type: none"> • Formation of company- stages and important documents to be used in formation of a company 				<ul style="list-style-type: none"> • Highlights the stages in a formation of a company. • Discuss the important documents to be used in the various stages in the formation of a company.
	<ul style="list-style-type: none"> • Choice of form of business organization 				<ul style="list-style-type: none"> • Distinguish between various forms of business organization. • Explain the factors that influence the choice of a suitable form of business organization.
May-June Topic: Public, private and multinational company No. of Periods: 18	<ul style="list-style-type: none"> • Public sector and private sector enterprises-concept 	Video on Public Private partnership	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Public, private and multinational company • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Organising of project report	<ul style="list-style-type: none"> • Develop an understanding of public sector and private sector enterprises.
	<ul style="list-style-type: none"> • Forms of public sector enterprises: departmental undertaking, statutory cooperation's and Government Company. 				<ul style="list-style-type: none"> • Identify and explain the features, merits and limitations of different forms of public sector enterprises
	<ul style="list-style-type: none"> • Multinational company- features, joint ventures, public private partnership-concept 				<ul style="list-style-type: none"> • Develop an understanding of multinational company, joint ventures and public private partnership by studying their meaning and features

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
July Topic: Business services No. of Periods: 18	<ul style="list-style-type: none"> • Business services-Meaning and types. • Banking: types of bank account-saving, current, recurring, fixed deposit and multiple option deposit account 	Video on NEFT and RTGs	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Business services • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> • Understand the meaning and types of business services. • Discuss the meaning and types of business service banking. • Develop an understanding of different types of bank account.
	<ul style="list-style-type: none"> • Banking services to particular reference to bank draft, bank overdraft, cash credit • E-banking meaning, types of digital payments 				<ul style="list-style-type: none"> • Develop an understanding of different services provided by banks.
	<ul style="list-style-type: none"> • Insurance-principles. Types-life, health, fire and marine insurance-concept 				<ul style="list-style-type: none"> • Recall the concept of insurance • Understand utmost good faith, insurable interest, indemnity, contribution, Doctrine of subrogation and causa Proxima as principle of insurance. • Discuss the meaning of different types of insurance –life, health, fire, marine insurance.
	<ul style="list-style-type: none"> • Postal services-Mail, registered post, parcel, speed post, courier-meaning 				<ul style="list-style-type: none"> • Understand the meaning of different telecom services.
Topic: Emerging mode of Business No. of Periods: 10	<ul style="list-style-type: none"> • E-business: concept, scope and benefits 	Video on E-banking	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Emerging mode of Business • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> • Give the meaning of E-business. • Discuss the scope of E-business. • Appreciate the benefits of E-business • Distinguish E-business and traditional business.
	<ul style="list-style-type: none"> • Business process outsourcing (BPO): concept, need and scope 				<ul style="list-style-type: none"> • Understand the concept of outsourcing. • Examine the concept of outsourcing and appreciate the need of outsourcing. • Discuss the meaning of Business process outsourcing and knowledge process outsourcing.

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
Topic: Social responsibility of business and business ethics No. of Periods: 12	• Concept of social responsibility		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Social responsibility of business and business ethics • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		• State the concept of social responsibility.
	• Case of social responsibility				• Examine the case of social responsibility
	• Responsibility towards owners, investors, consumers, employees, government and community				• Identify social responsibility towards different interest groups.
	• Role of business in environment protection				• Appreciate the role of business in environment protection.
	• Business ethics-concept and elements				<ul style="list-style-type: none"> • State the concept of business ethics. • Describe the elements of business ethics.
August Topic: Sources of Business Finance No. of Periods: 30	• Concept of business finance	Video on ADR and GDR	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Sources of Business Finance • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Presenting of given data	• State the meaning, nature and importance of business finance.
	• Owner's fund-equity share, preferences share, retained earnings, Global depository receipt, American depository receipt and international depository receipt- Concept				<ul style="list-style-type: none"> • Classify the various sources of funds into owner's fund. • State the meaning of owner's fund. • Understand the meaning of Global depository receipts, American depository receipts and international depository receipts
September	Half Yearly Examination				
Topic: Sources of	• Borrowed funds: debentures and bonds, loan from financial institution and commercial bank,		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Sources of Business 		<ul style="list-style-type: none"> • State the meaning of borrowed fund. • Discuss the concept of debentures, bonds, loan from financial institution and

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
Business Finance No. of Periods:	public deposits, trade credit, inter corporate deposits.	<ul style="list-style-type: none"> ○ Finance ● Discussion of Scoring Points/ Marking Scheme/ Sample Questions 			<ul style="list-style-type: none"> ● commercial banks, trade credit and inter corporate deposits. ● Distinguish between owner's fund and borrowed fund
October Topic: Small Business and enterprises No. of Periods: 16	<ul style="list-style-type: none"> ● Entrepreneurship development: concept, characteristics and need. ● Process of entrepreneurship development: start up India scheme, ways to start up fund. Intellectual property rights and entrepreneurship. 	Video on small business	<ul style="list-style-type: none"> ● Assignment <ul style="list-style-type: none"> ○ Small Business and enterprises ● Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Analyses of project report	<ul style="list-style-type: none"> ● Understand the concept of entrepreneurship development, intellectual property rights.
	<ul style="list-style-type: none"> ● Small scale enterprise as defined by MSMED act 2006 				<ul style="list-style-type: none"> ● Understand the meaning of small business.
	<ul style="list-style-type: none"> ● Role of small business in India with special reference to rural areas. 				<ul style="list-style-type: none"> ● Discuss the role of small business in India.
	<ul style="list-style-type: none"> ● Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and district industries center (DIC) with special reference to rural, backward area. 				<ul style="list-style-type: none"> ● Appreciate the various government schemes and agencies for development of small scale industries. NSIC and DC with special references to rural and backward areas.
Topic: Internal Trade No. of Periods: 30	<ul style="list-style-type: none"> ● Internal trade: meaning and types services rendered by a wholesaler and retailer 		<ul style="list-style-type: none"> ● Assignment <ul style="list-style-type: none"> ○ Internal Trade ● Discussion of Scoring Points/ Marking 	Submission of project report	<ul style="list-style-type: none"> ● State the meaning and types of international trade. ● Appreciate the services of wholesaler and retailer.
	<ul style="list-style-type: none"> ● Types of retail-trade-itinerant and small scale fixed shop retailers. 	<ul style="list-style-type: none"> ● Explain the different types of retail trade. 			

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
	<ul style="list-style-type: none"> Large scale retailers- Departmental stores, chain stores- Concept 		Scheme/ Sample Questions		<ul style="list-style-type: none"> Highlights the distinguish features of departmental store, chain store and mail order business.
	<ul style="list-style-type: none"> GST (Goods and Service Tax): Concept and key features 				<ul style="list-style-type: none"> Understand the concept of GST.
November Topic: International Trade No. of Periods: 14	<ul style="list-style-type: none"> International trade-concept and benefits 	Video on Export procedure and Import procedure	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> International Trade Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		<ul style="list-style-type: none"> Understand the concept of international trade. Describe the scope of international trade to the nation and business firm.
	<ul style="list-style-type: none"> Export trade-Meaning and features 				<ul style="list-style-type: none"> State the meaning and objective of export trade. Explain the important steps involved in executing export trade.
	<ul style="list-style-type: none"> Import trade –meaning and procedure 				<ul style="list-style-type: none"> State the meaning and objective of import trade. Discuss the important steps involved in executing import trade.
	<ul style="list-style-type: none"> Documents involved in international trade; Indent, letter of credit, shipping order, shipping bills, mate’s receipt (DA/DP) 				<ul style="list-style-type: none"> Develop an understanding of various documents used in international trade. Identify the specimen of the various documents used in international trade. Highlights the importance of documents needed in connection with international trade transactions.

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
	<ul style="list-style-type: none"> World trade organization- meaning and objectives 				<ul style="list-style-type: none"> State the meaning of world trade organization. Discuss the objectives of world trade organization in promoting international trade.
December	Periodic Test – 2				
January	Revision				
February	Annual Examination				

EXAMINATION SYLLABUS



PERIODIC TEST – 1

Units 1 to 2

HALF YEARLY EXAMINATION

Units 1 to 6

PERIODIC TEST – 2

Units 1 to 8

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test after every chapter.

Curriculum Plan of Economics
(Session: 2019-2020)

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
April Topic: Introductory Microeconomics No. of Periods: 15	Meaning of microeconomics and macroeconomics What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost.	Video on PPC	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ PPC ○ concept of consumer equilibrium 	<ul style="list-style-type: none"> • understand the concept of economics • differentiate between micro and macro economics
Topic: Consumer Equilibrium No. of Periods: 20	Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis. 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		<ul style="list-style-type: none"> • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Topic selection 	<ul style="list-style-type: none"> • judge the concept of equilibrium case of consumer behaviour • explain the properties of IC
May Topic: Theory of demand No. of periods: 28	Periodic Test - 1			
	Demand, market demand, determinants of demand, demand schedule, demand curve, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand - (a) percentage-change method, relationship between price elasticity of demand and total expenditure	Video on the topic 'Law of Demand'	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ producer equilibrium and theory of supply • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Research 	<ul style="list-style-type: none"> • Understand the functions of demand • Solve the numerical of elasticity of demand • Draw curves and schedules

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
July Topic: Producer Behavior and Supply No. of periods: 32	Production function: Total Product, Average Product and Marginal Product. Returns to a Factor. Cost and Revenue: Short run costs - total cost, total fixed cost, total variable cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationship. Revenue - total, average and marginal revenue. Producer's equilibrium-meaning and its conditions in terms of marginal revenue-marginal cost. Supply, market supply, determinants of supply, supply schedule, supply curve, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply – (a) percentage-change method	Video on determination of foreign exchange rate	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ main forms of market • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Data collection 	<ul style="list-style-type: none"> • Understand the concept of production function • Solve the numericals • Draw curves • Classify the types of cost
August Topic: Forms of Market & Market equilibrium No. of periods: 28	Perfect competition – Features, monopoly, monopolistic competition, oligopoly - their meaning and features Determination of market equilibrium and effects of shifts in demand and supply. Simple Applications of Demand and Supply: Price ceiling, price floor.	Video on the topic 'Price ceiling, price floor'	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ price determination and market equilibrium • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ First Draft 	<ul style="list-style-type: none"> • Determine the market price of commodity • Evaluate the types of market • Differentiate among types of market
September	Half Yearly Examination			

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
September Topic: Introduction of statistics No. of periods: 10	What is Economics? Meaning, scope and importance of statistics in Economics. Collection of data - sources of data - primary and secondary; how basic data is collected. Methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organization.	Video on Data collection methods	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ introduction of statistics • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Presentation 	<ul style="list-style-type: none"> • Draw histogram and ogive • Draw table • Understand the different types of collection of data • Differentiate among types of collection of data • Plot graphs
Topic: Collection, Organization and Presentation of data No. of Periods: 22	Organization of Data: Meaning and types of variables. Frequency Distribution. Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data: <ul style="list-style-type: none"> • Geometric forms (bar diagrams and pie diagrams), • Frequency diagrams (histogram, polygon and ogive) • Arithmetic line graphs (time series graph). 			
October Topic: Statistical Tools and Interpretation No. of periods: 22	Measures of Central Tendency- mean (simple and weighted), median and mode. Measures of Dispersion - absolute dispersion (range, quartile deviation, mean deviation and standard deviation); relative dispersion (co-efficient of quartile-deviation, co-efficient of mean deviation, co- efficient of variation); Lorenz Curve Meaning and its application		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ statistical tools and interpretation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Final submission 	<ul style="list-style-type: none"> • Solve numericals • Understand different types of central tendencies • Differentiate among mean, median and mode

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
November Topic: Statistical Tools and Interpretation No. of periods: 22	Correlation - meaning, scatter diagram; Measures of correlation - Karl Pearson's method (two variable ungrouped data) Spearman's rank correlation		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ numerical of correlation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Solve numericals • Understand correlation between two variables • Draw scattered diagram
December Topic: Introduction to Index Numbers No. of periods: 18	Periodic Test - 2			
	meaning, types - wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers. Some Mathematical tools used in Economics: Equation of a line, slope of a line, slope of a curve		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Index numbers • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Understand the concept of index numbers • Solve numericals through different methods of index numbers • Draw curves
January	Revision			
February	Annual Examination			

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Micro Economics – Chapters 1 and 2

HALF YEARLY EXAMINATION

Micro Economics - Full Syllabus

PERIODIC TEST - 2

Micro Economics - Full Syllabus

Statistics for Economics - Units 1 -3 (excluding Correlation and Index Numbers)

ANNUAL EXAMINATION

Micro Economics - Full Syllabus

Statistics for Economics - Full Syllabus

NOTE: There will be a class test and assignment after every Chapter.

Curriculum Plan of Mathematics
(Session: 2019-2020)

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment / Discussion
April Topic: Sets No. of Periods: 10	Sets and their representations. Empty set. Finite and Infinite sets. Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement.	<ul style="list-style-type: none"> To find the number of subsets of a given set and verify that if a set has n number of elements, then the total no. of subsets is 2^n. To verify that for two sets A and B, $n(A \times B) = pq$ and the total no. of relations from A to B is 2^{pq}, where $n(A) = p$ and $n(B) = q$. 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Set-builder form, roster form, Venn diagrams, applications on union & intersection of sets
Topic: Relations & Functions No. of Periods: 10	Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (upto $R \times R \times R$). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.	<ul style="list-style-type: none"> To distinguish between a Relation & Function. 	<ul style="list-style-type: none"> Domain, range and co-domain all trigonometric transformations, general solutions, domain-range, identities and various functions
Topic: Trigonometric Functions No. of Periods: 15	Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2 x + \cos^2 x = 1$, for all x. Signs of trigonometric functions. Deducing identities like the following: $\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \mp \tan x \tan y}, \cot(x \pm y) = \frac{\cot x \cot y \mp 1}{\cot y \pm \cot x}$ $\sin \alpha \pm \sin \beta = 2 \sin \frac{1}{2}(\alpha \pm \beta) \cos \frac{1}{2}(\alpha \mp \beta)$ $\cos \alpha + \cos \beta = 2 \cos \frac{1}{2}(\alpha + \beta) \cos \frac{1}{2}(\alpha - \beta)$ $\cos \alpha - \cos \beta = -2 \sin \frac{1}{2}(\alpha + \beta) \sin \frac{1}{2}(\alpha - \beta)$		<ul style="list-style-type: none"> Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment
May Topic: Trigonometric Functions No. of Periods: 05	Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$. General solution of trigonometric equations of the type $\sin y = \sin a$, $\cos y = \cos a$ and $\tan y = \tan a$. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple applications.		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Principle of Mathematical Induction ○ Argument, modulus and polar form of complex numbers, & quadratic equations of imaginary nos. ○ graphical representation of linear inequalities ○ Permutations and Combinations ○ Binomial Theorem, its expansion and rth term • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Principle of Mathematical Induction No. of Periods: 05	Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.		
Topic: Complex Numbers and Quadratic Equations No. of Periods: 15	Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane and polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system. Square root of a complex number.	<ul style="list-style-type: none"> • To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral power. 	
Topic: Linear Inequalities No. of Periods: 10	Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables.	<ul style="list-style-type: none"> • To verify that the graph of a given inequality, say $5x + 4y - 40 < 0$, of the form $ax + by + c < 0$, $a, b > 0$, $c < 0$ represents only one of the two half planes. 	
July Topic: Permutations and Combinations No. of Periods: 10	Fundamental principle of counting. Factorial n . $(n!)$ Permutations and combinations, derivation of Formulae for n_{pr} and n_{cr} and their connections, simple applications.	<ul style="list-style-type: none"> • To find the number of ways in which three cards can be selected from given five cards. 	
Topic: Binomial Theorem No. of Periods: 10	History, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, General and middle term in binomial expansion, simple applications.	<ul style="list-style-type: none"> • To construct a Pascal's triangle and to write binomial expansion for a given positive integral exponent. 	

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment
Topic: Sequence and Series No. of Periods: 20	Sequence and Series. Arithmetic Progression (A. P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M. Formulae for the following special sums. $\sum_{k=1}^n k, \sum_{k=1}^n k^2 \text{ and } \sum_{k=1}^n k^3$	<ul style="list-style-type: none"> To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric mean. 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Straight Lines Conic Sections A.P., A.M., G.P., G.M., relation between A.M. & G.M. and applications of sequences Slope, tangent, normal, various forms of slope of a line Parabola, Circle, Ellipse, Hyperbola and their applications Discussion of Scoring Points/ Marking Scheme/ Sample Questions
August Topic: Straight Lines No. of Periods: 20	Brief recall of two dimensional geometry from earlier classes. Shifting of origin. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form and normal form. General equation of a line. Equation of family of lines passing through the point of intersection of two lines. Distance of a point from a line.		
Topic: Conic Sections No. of Periods: 15	Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.	<ul style="list-style-type: none"> An alternating method to construct a parabola. To construct an ellipse using a rectangle. 	
September	Half Yearly Examination		
October Topic: Introduction to Three-dimensional Geometry No. of Periods: 10	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points and section formula.	<ul style="list-style-type: none"> To explain the concept of octants by three mutually perpendicular planes in space 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> octants, distance formula and section formula in 3-D Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment / Discussion
Topic: Limits and Derivatives No. of Periods: 15	Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.	<ul style="list-style-type: none"> To find analytically $\lim_{x \rightarrow c} \frac{x^2 - c^2}{x - c}$ Verification of the geometrical significance of derivative 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Limits, indeterminate form, derivatives of trigonometric functions, first principle, properties of derivatives basic Mathematical Reasoning Mean Deviation, median deviation, mode and frequency distribution Probability Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Mathematical Reasoning No. of Periods: 10	Mathematically acceptable statements. Connecting words/ phrases - consolidating the understanding of "if and only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" and their use through variety of examples related to real life and Mathematics. Validating the statements involving the connecting words, difference among contradiction, converse and contrapositive.	<ul style="list-style-type: none"> To obtain truth values of compound statements of the type $p \vee q$ by using switch connections in parallel 	
November Topic: Statistics No. of Periods: 20	Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances.		
Topic: Probability No. of Periods: 15	Random experiments; outcomes, sample spaces (set representation). Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events.	<ul style="list-style-type: none"> To write the sample space, when a coin is tossed once, twice, three times, four times. 	
December	Periodic Test - 2		
January	Revision		
February	Annual Examination		

EXAMINATION SYLLABUS

PERIODIC TEST – 1

- Trigonometric Functions (Ex. 3.1)
- Sets
- Relations & Functions

HALF YEARLY EXAMINATION

- Trigonometric Functions
- Sets
- Relations & Functions
- Principle of Mathematical Induction
- Complex Numbers & Quadratic Equations
- Linear Inequalities
- Permutations & Combinations
- Binomial Theorem
- Sequences & Series
- Probability

PERIODIC TEST - 2

Full Syllabus

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test after every chapter.

**Curriculum Plan of Computer Science
(Session: 2019-2020)**

Month/Topic	Theory	Practical/Project	Miscellaneous
April Topic: Computer Systems and Organisation No. of periods: 12	<ul style="list-style-type: none"> ➤ Basic computer organisation: description of a computer system and mobile system, CPU, memory, hard disk, I/O, battery. ➤ Types of software: application, System, utility. ➤ Memory Units: bit, byte, MB, GB, TB, and PB ➤ Boolean logic: OR, AND, NAND, NOR, XOR, NOT, truth tables, De Morgan's laws ➤ Information representation: numbers in base 2, 8, 16, binary addition ➤ Strings: ASCII, UTF8, UTF32, ISCII (Indian script code), Unicode ➤ Basic Concepts of Flowchart ➤ Concept of Compiler & Interpreter ➤ Running a program: Notion of an operating system, how an operating system runs a program, idea of loading, operating system as a resource manager. ➤ Concept of cloud computing, cloud (public/private), introduction to parallel computing. 	<ul style="list-style-type: none"> • Demonstration of computer showing different parts of CPU. • Drawing Flowcharts <ul style="list-style-type: none"> ○ to find successor and predecessor of a given number ○ to find sum of two numbers ○ to find average of three numbers ○ to find whether a given number is positive or negative ○ to find whether a given number is even or odd ○ to print first 10 natural/whole numbers ○ to develop infinite loop 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Computer fundamentals ○ Boolean Logic ○ Information Representation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Art Integration <ul style="list-style-type: none"> ○ Draw the block diagram of computer • Video <ul style="list-style-type: none"> ○ Software ○ Cloud computing • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Decision making ○ Empathy
May Topic: Computational Thinking and Programming No. of periods: 35	Periodic Test – 1		
	<ul style="list-style-type: none"> ➤ Basics of Computational Thinking: Decomposition, Pattern Recognition/ Data representation, Generalization/ Data Abstraction and algorithm. ➤ Familiarization with the basics of Python programming: a simple “hello world” program, process of writing a program (Interactive & Script mode), running it, and print statements; simple data-types: integer, float, string 	Write a program to <ul style="list-style-type: none"> • display “hello world” on screen • print the successor, predecessor, half, double of a given number 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Computational Thinking ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Video <ul style="list-style-type: none"> ○ Computational Thinking

Month/Topic	Theory	Practical/Project	Miscellaneous
	<ul style="list-style-type: none"> ➤ Features of Python, Python Character Set, Token & Identifiers, Keywords, Literals, Delimiters, operators. ➤ Comments: (Single line & Multiline/ Continuation statements), Clarity & Simplification of expression. ➤ Introduce the notion of a variable, and methods to manipulate it (concept of Lvalue and R-value even if not taught explicitly). ➤ Knowledge of data types and operators: accepting input from the console, assignment statement, expressions, operators and their precedence. ➤ Operators & types: Binary operators – Arithmetic, Relational operators, Logical Operators, Augmented Assignment operators. 	<p>Write programs in Python to</p> <ul style="list-style-type: none"> • Find the sum of two numbers • Find the average of three numbers • Accept values in four variables from use. Divide the sum of first two numbers by the difference of last two numbers and display the result • Find whether a given number is positive/ negative • Find whether a given number is even/ odd • Find the bigger/smaller of two numbers • Find the biggest/smallest of three numbers 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Creative thinking ○ Decision making ○ Empathy ○ Interpersonal relationship ○ Self-awareness
<p>July Topic: Computational Thinking and Programming No. of periods: 37</p>	<ul style="list-style-type: none"> ➤ Conditional statements: if, if-else, if-elif-else; simple programs: e.g.: absolute value, sort 3 numbers, and divisibility. ➤ Notion of iterative computation and control flow: for(range(), len()), while, flowcharts, suggested programs: interest calculation and factorials, etc. ➤ Idea of debugging: errors and exceptions; debugging: pdb, break points. 	<ul style="list-style-type: none"> • Find the factorial of a given number. • Accept values for Principle, Rate of Interest and Time. Calculate Simple Interest. • Find x^n. • Print first N natural/whole numbers in forward/reverse order • Print even/odd numbers between 1 and N. • Find whether a given number is prime or not • Find if a number is equal to the sum of the cubes of its digits. • Find the reverse of a given number • Find the sum of digits of a given number • Find LCM and HCF of two numbers 	

Month/Topic	Theory	Practical/Project	Miscellaneous
August Topic: Computational Thinking and Programming No. of periods: 31	<ul style="list-style-type: none"> ➤ Lists, tuples and dictionary: finding the maximum, minimum, mean; linear search on list/tuple of numbers, and counting the frequency of elements in a list using a dictionary. Introduce the notion of accessing elements in a collection using numbers and names. ➤ Sorting algorithm: bubble and insertion sort; count the number of operations while sorting. ➤ Strings: Traversing, compare, concat, substring. ➤ Introduction to Python modules: Importing math (sqrt, cell, floor, pow, fabs, sin, cos, tan, random (random, randint, randrange), statistics (mean, median, mode) modules. 	Write programs in Python to <ul style="list-style-type: none"> • Search for a number/name in the given list • Arrange the numbers in ascending/descending order • Find the largest/smallest number in a given list • Find the second largest/ smallest number in a given list • Find the reverse of a given string • Find whether a given string is palindrome or not • Project Work 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Creative thinking ○ Decision making ○ Empathy
September	Half Yearly Examination		
October Topic: Data Management No. of periods: 29	<ul style="list-style-type: none"> ➤ Relational databases: Concept of a database, relations, attributes and tuples, keys- candidate key, primary key, alternate key, foreign key, Degree and cardinality of a table. ➤ Use SQL – DDL/ DML commands to CREATE TABLE, INSERT INTO, UPDATE TABLE, DELETE FROM, ALTER TABLE, MODIFY TABLE, DROP TABLE, keys, and foreign keys; to view content of a table: SELECT-FROM WHERE-ORDER BY along with BETWEEN, IN, LIKE (Queries only on single table) 	<ul style="list-style-type: none"> • Create a student table with the student id, name, and marks as attributes where the student id is the primary key. • Add a new column in the above table. • Modify the details of a particular column • Delete a particular column • Insert the details of a new student in the above table. • Delete & update the details of a particular student in the above table. • Use the select command to manipulate data. • Create a new table (name, date of birth) by joining two tables (student id, name) and (studentid, date of birth). 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Creative thinking ○ Decision making
November Topic: Data Management No. of periods: 24	<ul style="list-style-type: none"> ➤ Aggregate functions – MIN, MAX, AVG, COUNT, SUM ➤ Basics of NoSQL databases. 		

Month/Topic	Theory	Practical/Project	Miscellaneous
		<ul style="list-style-type: none"> • Create a new table (order ID, customer Name, and order Date) by joining two tables (order ID, customer ID, and order Date) and (customer ID, customer Name, contact Name, country). • Show details from two tables • Delete the structure of a table. 	
<p>Topic: Society, Law and Ethics – Cyber safety</p> <p>No. of periods: 10</p>	<ul style="list-style-type: none"> ➤ Cyber safety: safely browsing the web, identity protection, confidentiality, social networks, cyber trolls and bullying ➤ Appropriate usage of social networks: spread of rumours, and common social networking sites (Twitter, LinkedIn, and Facebook) and specific usage rules. ➤ Safely accessing web sites: adware, malware, viruses, Trojans ➤ Safely communicating data: secure connections, eavesdropping, phishing and identity verification. 		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Cyber Safety • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Video <ul style="list-style-type: none"> ○ Cyber Safety ○ Usage of Social Networking ○ Malware, Virus, Trojans etc. ○ Phishing • Core Skills <ul style="list-style-type: none"> ○ Self-awareness ○ Interpersonal relationship ○ Empathy
December	Revision		
January	Revision		
February	Annual Examination		

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Unit 1: Computer System and Organisation

HALF YEARLY EXAMINATION

Unit 1: Computer System and Organisation

Unit 2: Computational Thinking and Programming

PERIODIC TEST - 2

Unit 1: Computer System and Organisation

Unit 2: Computational Thinking and Programming

Unit 3: Database Management - 1

Unit 4: Society, Law and Ethics – 1

ANNUAL EXAMINATION

Unit 1: Computer System and Organisation

Unit 2: Computational Thinking and Programming

Unit 3: Database Management - 1

Unit 4: Society, Law and Ethics – 1

NOTE: There will be a class test and assignment after every chapter.

**Curriculum Plan of Physical Education
(Session: 2019-2020)**

Month Topic	Sub Topic	Audio Visual Inputs	Practical	Miscellaneous
April Topic: Changing Trends & Career in Physical Education No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Definition of Physical Education ➤ Aims & Objectives of Physical Education ➤ Career Options in Physical Education ➤ Competitions in various sports at national & international level ➤ Khelo- India Program 	Video on Khelo –India Program		1. Assignment 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
May Topic: Olympic Value Education No. of periods:	<ul style="list-style-type: none"> ➤ Olympics, Paralympics & Special Olympics ➤ Olympics Symbols Ideas Objectives & Values of Olympics ➤ International Olympic Committee ➤ Indian Olympics Association 	Video on Olympics, Paralympics & Special Olympics	Labelled diagram of 400 M Track & Field with computations	
Topic: Physical Fitness, Wellness & Lifestyle No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Importance of Physical Fitness, Wellness & Lifestyle ➤ Components of physical fitness and Wellness ➤ Components of Health related fitness 		Computation of BMI from family or neighborhood & graphical representation of the data.	
July Topic: Physical Education & Sports for CWSN No. of periods:	<ul style="list-style-type: none"> ➤ Aims & objectives of Adaptive Physical Education ➤ Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) ➤ Concept of Inclusion, its need and Implementation ➤ Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator) 	Video on Special Olympic Bharat, Deaflympics	Labelled diagram of field & equipment of any one game of your choice out of the above list.	

Month Topic	Sub Topic	Audio Visual Inputs	Practical	Miscellaneous
Topic: Yoga No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Importance of Yoga ➤ Elements of Yoga ➤ Introduction - Asanas, Pranayam, Meditation & Yogic Kriyas ➤ Yoga for concentration & related Asanas (Sukhasana; Tadasana; Padmasana & Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose) ➤ Relaxation Techniques for improving concentration – Yog-nidra 	Video on Procedure of yoga and yogic kriyas		1. Assignment 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
August Topic: Physical Activity & Leadership Training No. of periods:	<ul style="list-style-type: none"> ➤ Leadership Qualities & Role of a Leader ➤ Creating leaders through Physical Education ➤ Meaning, objectives & types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding) ➤ Safety measures to prevent sports injuries 	Video on Adventure sports	List of current National Awardees (Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award)	
Topic: Test, Measurement & Evaluation No. of periods:	<ul style="list-style-type: none"> ➤ Define Test, Measurement & Evaluation ➤ Importance of Test, Measurement & Evaluation In Sports ➤ Calculation of BMI & Waist - Hip Ratio ➤ Somato Types (Endomorphy, Mesomorphy & Ectomorphy) ➤ Measurement of health related fitness 	Video on Test & Measurement		
September Topic: Fundamentals of Anatomy, Physiology & Kinesiology in Sports No. of periods:	Half Yearly Examination			
	<ul style="list-style-type: none"> ➤ Definition and Importance of Anatomy, Physiology & Kinesiology ➤ Function of Skeleton System, Classification of Bones & Types of Joints ➤ Properties and Functions of Muscles ➤ Function & Structure of Respiratory System and Circulatory System ➤ Equilibrium – Dynamic & Static And Centre of Gravity and its application in sports 	Video on Function of all System in our body		

Month Topic	Sub Topic	Audio Visual Inputs	Practical	Miscellaneous
October Topic: Psychology & Sports No. of periods:	<ul style="list-style-type: none"> ➤ Definition & Importance of Psychology in Phy. Edu. & Sports ➤ Define & Differentiate Between Growth & Development ➤ Developmental Characteristics at Different Stages of Development ➤ Adolescent Problems & Their Management 	Video on Growth & Development of children	Pictorial presentation of any five Asanas for improving concentration.	
November Topic: Training and Doping in Sports No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Concept of Sports Training ➤ Principles of Sports Training ➤ Warming up & limbering down ➤ Skill, Technique & Style ➤ Concept & classification of doping ➤ Prohibited Substances & their side effects ➤ Dealing with alcohol and substance abuse 	Video on Sports training in sports		<ol style="list-style-type: none"> 1. Assignment 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
December	Periodic Test – 2			
January	Revision			
February	Annual Examination			

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Chapter 1

HALF YEARLY EXAMINATION

Chapters 1 – 7

PERIODIC TEST - 2

Chapters 1 to 10

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test after every chapter.

अभिभावक कृपया ध्यान दें

1. स्कूल में अपना पता तथा टेलीफोन नंबर हमेशा सही-सही लिखवा कर रखें, जिससे की इमरजेंसी में आपसे बिना विलंब के संपर्क साधा जा सके। अपने बच्चे को स्कूल शुरू होने के आधे घंटे पहले तथा स्कूल खत्म होने के आधे घंटे बाद से ज्यादा देर तक स्कूल में न छोड़े।
2. अपने बच्चे का टिफिन अनजान व्यक्ति के हाथ से न भेजें, वह नहीं लिया जाएगा। अपने बच्चे को ले जाने के लिए अनजान व्यक्ति को न भेजें, उसके साथ बच्चा नहीं भेजा जाएगा।
3. कृपया बच्चे की फीस लोकल बैंक से अप्रैल, जुलाई, अक्टूबर तथा जनवरी की दस तारीख तक जमा करवा दें / उसके बाद 1 रू. प्रतिदिन फाइन लगेगा / अगर आपका बैंक किसी कारण से वापिस आता है तो 500 रुपये पेनल्टी तथा लेट फी फाइन लगेगा एवं फीस केवल ड्राफ्ट द्वारा ली जाएगी / दूसरी बार बैंक नहीं लिया जाएगा /
4. देर से आने वाले बच्चों को वापिस भेज दिया जाएगा /

अभिभावक के हस्ताक्षर