ANNUAL CURRICULUM PLAN

CLASS XII COMMERCE (SESSION: 2019-20) (to be read with CBSE Curriculum available

on CBSE Website: cbseacademic.in)

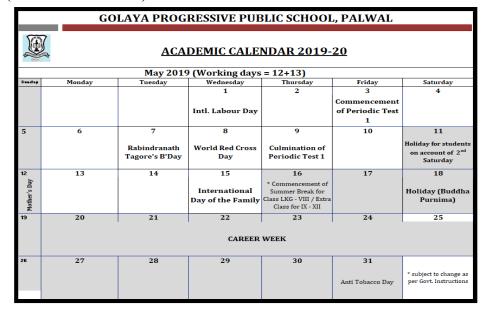
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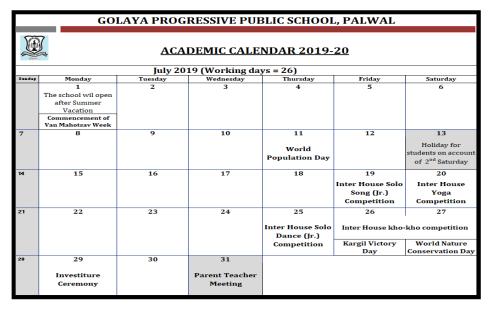
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GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL ANNUAL CALENDAR (SESSION: 2019-20)

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL					
	ACADEMIC CALENDAR 2019-20					
		April 20	19 (Working da	ys = 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)
Baisakhi/ † Dr. Ambedkar Jayanti	15	16	17 Holiday (Mahavir Jayanti)	18 World Heritage Day	19 Holiday (Good Friday)	20
21	22	23 World Book & Copyright Day	24	25 Inter House Solo Song & Dance (Sr.) Competition	26 27 Inter House Volleyball Match	
28	29	30 Parent Teacher Meeting				

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





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

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
		ACADEMIC CALENDAR 2019-20					
		August 2	019 (Working d	lays = 22)			
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
				1	2	3	
						Holiday (Teej)	
4	5	6	7	8	9	10	
				Independence Celebrations Week students on acco		Holiday for students on account of 2 nd Saturday	
11	12	13	14	15	16	17	
	Holiday (Id-Ul- Zuha)	•	elebrations Week of Sanskrit Week	Holiday (Independence Day & Rakshabandhan)	Inter House Ba	sketball Match	
18	19	20	21	22	23	24	
			World Senior Citizens' Day			Holiday (Janmashtami)	
25	26	27	28	29	30	31	
		Inter House Solo Song (Sr.) Competition	Inter House Solo Dance (Sr.) Competition	National Sports Day	Inter House Taekwondo Competition	Parent Teacher Meeting	

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL					
)A						
(in an			DEMIC CALE		<u>20</u>	
			2019 (Working o			
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
		International Day for the Elderly	Holiday (Gandhi Jayanti)		World Animal Welfare Day	
6	7	8	9	10	11	12
	Holiday	Holiday	World Post Dav	National Post Day	Intl. Day of the	Holiday for students on
	(MahaNavami)	(Dussehra)	World Fost Day	World Sight Day	Girl Child	account of 2 nd Saturday
13	14	15	16	17	18	19
			World Food Day	Holiday (Karva Chauth)	Inter House F	
20	21	22	23	24	25	26
				United Nations		
				Day		
				World Devp.		
				Information Day		
27	28	29	30	31		
12	Holiday	Holiday (Bhai				
Diwali	(Goverdhan	Dooj)				
	Pooja)					

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL					
	ACADEMIC CALENDAR 2019-20					
			2019 (Working			
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 28 Inter House Badminton Match World Tourism Day	
World Deaf	30 Parent Teacher Meeting					

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
		ACADEMIC CALENDAR 2019-20					
			2019 (Working				
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday 1	Saturday 2	
					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	
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 Inter House Ch	23 ess Competition	
24	25	26 Constitution Day (National Law Day)	27	28	29 Inter House Group Song Competition	30 Parent Teacher Meeting	

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

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL					
<u>X</u>	ACADEMIC CALENDAR 2019-20					
		December	2019 (Working	days = 22)		
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
		World Day of the Handicapped	Indian Navy Day			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
National N Mathematics Dav	23 Farmer's Day (Kisan Diwas)	24 Christmas Celebrations	25 Holiday (Christmas) Good Governance Day	Annual Sports Meet		28 Parent Teacher Meeting
29	30 *Commencement of Winter Break	31		subject to change as	per Govt. instructio	ns

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

	GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
		ACADEMIC CALENDAR 2019-20					
		January 2	020 (Working d	lays = 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	
Swami 7 Vivekananda's B'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	
Republic S 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						
		March 2	020 (Working d	ays = 10)		
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 Commencement of Annual Examination for Class I - VIII	6	7
International 🗙 Women's Day	9	10 Holiday (Holi)	11	12	13	14 Holiday for students on accour of 2 nd Saturday
15	16	17	18 Culmination of Annual Examination	19	20	21
World Day R for Water	23	24	25	26	27 Result Declaration	28
29	30	31				

TEST SCHEDULE

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

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

Pre-Board Examination	Subject
06.12.2019 (Friday)	Business Studies Practical
07.12.2019 (Saturday)	Economics Practical
09.12.2019 (Monday)	Economics
10.12.2019 (Tuesday)	Business Studies
12.12.2019 (Thursday)	Accountancy
13.12.2019 (Friday)	Mathematics
16.12.2019 (Monday)	Physical Education
17.12.2019 (Thursday)	English
18.12.2019 (Wednesday)	Physical Education Practical
19.12.2019 (Thursday)	Accountancy Practical

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 Last Lesson No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on The Last Lesson Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Patriotism, freedom of language and the love for one's mother tongue
Topic : My Mother at Sixty Six No. of Periods : 05	Poetic Appreciation, Rhyme Scheme Poetic Devices Central Idea	 Assignment on My Mother at Sixty Six Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Critical evaluation of the theme conveyed by the poet	Eternal law of ageing & complex subtleties of human relationship.
Topic : The Tiger King No. of Periods : 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on The Tiger King 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	Transience of life & power.
Topic : Writing Section No. of Periods : 06	Notice Writing, Advertisement	 Assignment on Notice & Advertisement Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Write notices for school events/processes to develop writing skills.	Freedom of expression & clarity of thoughts.
May	Periodic Test - 1			
Topic : Lost Spring No. of Periods : 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Lost Spring 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	Child exploitation through child labour. Power of optimism & hope.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic : An Elementary School Classroom in a Slum No. of Periods : 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	 Assignment on An Elementary School Classroom in Slum Discussion of Scoring Points/Marking Scheme/Sample Questions 	Commentary on the central idea conveyed through the poem	Poverty, Social injustice & Social inequality.
Topic : Deep Water No. of Periods : 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Deep Water Discussion of Scoring Points/Marking Scheme/Sample Questions 	Silent reading of prescribed/selected texts for comprehension	Power of determination to overcome any adversity.
Topic : Writing Section No. of Periods : 05	Letter Writing (Formal)	 Assignment on Letter Writing Discussion of Scoring Points/Marking Scheme/Sample Questions 	Write on various issues to institutions seeking relevant information, lodge complaints, express thanks or tender apology	Freedom of expression & clarity of thoughts.
July Topic: The Rattrap No. of Periods: 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on The Rattrap Discussion of Scoring Points/Marking Scheme/Sample Questions 	Language learning activities such as role-play, dramatization, group discussion, writing, etc.	Importance of human companionship & community.
Topic : Keeping Quiet No. of Periods : 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	 Assignment on Keeping Quiet Discussion of Scoring Points/Marking Scheme/Sample Questions 	Silent reading of prescribed/selected texts for comprehension	Peace, humanity and self- actualization. Power of introspection.
Topic : Indigo No. of Periods: 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Indigo Discussion of Scoring Points/Marking Scheme/Sample Questions 	Encouraging students to role-play as various characters to interact with one another	Leadership & Social justice.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic : The Third Level No. of Periods : 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on The Third Level Discussion of Scoring Points/Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Time Travel & Escapism
Topic : Writing Section No. of Periods : 04	Article Writing, Report Writing	 Assignment on Articles & Reports Discussion of Scoring Points/Marking Scheme/Sample Questions 	Express opinions, facts & arguments	Freedom of speech & clarity of thoughts.
August Topic: Poets & Pancakes No. of Periods: 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Poets & Pancakes Discussion of Scoring Points/Marking Scheme/Sample Questions 	Critical evaluation of the plot, storyline and characters	Knowledge about cosmetics & film industry.
Topic : A Thing of Beauty No. of Periods : 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	 Assignment on A Thing of Beauty Discussion of Scoring Points/Marking Scheme/Sample Questions 	Appreciating the idea conveyed through the poem.	Beauty and its different forms. Worldly attachment & its consequences.
Topic : The Interview No. of Periods : 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on The Interview Discussion of Scoring Points/Marking Scheme/Sample Questions 	Group and pair activities like group discussion etc.	Different career skills.
Topic : Journey to the end of the Earth No. of Periods : 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Journey to the end of the Earth Discussion of Scoring Points/Marking Scheme/Sample Questions 	Commentary on the characters.	Geological history of the world.
Topic: Writing Section No. of Periods : 04	Speech, Debate	 Assignment on Speech & Debate Discussion of Scoring Points/Marking Scheme/Sample Questions 	Express opinions, facts, arguments in the form a speech or debates	Freedom of expression & clarity of thoughts.
September		Half Yearly Examination and	ASL	

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
October Topic: Going Places No. of Periods: 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Going Places Discussion of Scoring Points/Marking Scheme/Sample Questions 	Role playing as authors/ poets/ dramatists to defend their works and characters	Fantasies of adolescence versus Reality of life.
Topic : A Roadside Stand No. of Periods : 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	 Assignment on A Roadside Stand Discussion of Scoring Points/Marking Scheme/Sample Questions 	Discussion of the theme conveyed by the poet	Social inequality.
Topic : Should Wizard Hit Mommy No. of Periods : 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Should Wizard Hit Mommy Discussion of Scoring Points/Marking Scheme/Sample Questions 	Commentary on the characters	Issues of parenting. Perspective of an adult.
Topic : On the face of it No. of Periods : 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on On the face of it Discussion of Scoring Points/Marking Scheme/Sample Questions 	Dramatizing incidents from the story	Problems associated with the physical disability.
Topic : Writing Section No. of Periods : 04	Application Writing, Invitation	 Assignment on Application & Invitation Discussion of Scoring Points/Marking Scheme/Sample Questions 	Write applications, fill in application forms, prepare a personal bio-data for admission into colleges, universities, entrance tests and jobs	Freedom of expression & clarity of thoughts.
November Topic: Evans Tries an O-Level No. of Periods: 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on Evans Tries an O- Level Discussion of Scoring Points/Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Life in a prison.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic : Aunt Jennifer's Tigers No. of Periods : 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	 Assignment on Aunt Jennifer's Tigers Discussion of Scoring Points/Marking Scheme/Sample Questions 	Extrapolating the theme conveyed by the poet	Male chauvinism. Women empowerment.
Topic : Memories of Childhood No. of Periods : 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on: Memories of Childhood Discussion of Scoring Points/Marking Scheme/Sample Questions 	Making an audio story out of the text to be read aloud	Racial discrimination & caste discrimination.
Topic: The Enemy No. of Periods: 05	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	 Assignment on: The Enemy Discussion of Scoring Points/Marking Scheme/Sample Questions 	Critical evaluation of the plot, storyline and characters	Ethics of medical profession. Power of peace, love & humanism.
Topic : Writing Section No. of Periods : 04	Poster Making	 Assignment on: Poster Making Discussion of Scoring Points/Marking Scheme/Sample Questions 	Develop writing skills & creativity in students.	Freedom of expression & clarity of thoughts.
December		Pre-Board Examination		
January	Revision			
February	Revision			
March		Annual Examination		

Sr.			Syllabus	-
No.	Examination	Flamingo	Vistas	Writing Skills
1	Periodic Test 1 Half Yearly Examination	 Lesson 1 The Last Lesson Poem-1 My Mother at Sixty Six Lesson 1 The Last Lesson Lesson 2 Lost Spring Lesson 3 Deep Water Lesson 4 The Rattrap Lesson 5 Indigo Lesson 6 Poets & Pancakes Lesson 7 The Interview Poem-1 My Mother at Sixty Six Poem-2 An Elementary School Classroom in a Slum 	 Lesson 1 The Tiger King Lesson 2 The Enemy Lesson 3 Should Wizard Hit Mommy? Lesson 4 Third Level Lesson 5 Journey to the end of the Earth 	 Notice Advertisement Letter Article Report Writing Speech Debate
		Poem-3 Keeping QuietPoem-4 A Thing of Beauty		
3	Pre Board Examination		Full Syllabus	1

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

Curriculum Plan of Accountancy (Session: 2019-2020)

Month	Sub Topic	Assignment /	Project	Learning Outcomes
Торіс		Discussion		After going through this unit, the student would be able to:
April Topic: Analysis of Financial statement No. of periods: 26	 Statement of profit and loss balance sheet in prescribed form with major heading and sub heading (As per schedule III to the companies act 2013) Note: Exceptional items, extraordinary items and profit and loss from discontinued operations are excluded. Financial statement analysis: objectives, importance and limitations Tools for financial statement analysis: comparative statements, common size statements, cash flow analysis, ratio analysis accounting ratio: Meaning, objective, classification and computation liquidity ratio: current ratio and quick ratio solvency ratio: debt equity ratio, total asset to debt ratio and interest coverage ratio Activity ratio: inventory turnover ratio, trade receivable turnover ratio, trade payable turnover ratio and working capital turnover ratio Profitability turnover ratio: Gross profit ratio, operating profit ratio, net profit ration and return on investment 	 Assignment Analysis of Financial statement Cash Flow Statement Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Selection of topic	 Develop the understanding of major headings and subheadings (As per schedule III to the companies act 2013) of balance sheet as per prescribed norms / formats State the meaning, objective and limitations of financial statement analysis. Discuss the meaning of different tools of financial statement analysis. Develop the understanding and skills of preparation of comparative and common size financial statements.
Topic : Cash flow statement No. of periods : 10	 Meaning, objective and preparation (as per accounting standard 3, revised. Indirect method only) Note: Adjustment relating to depreciation and amortization, profit and loss on the sale of asset including investment, dividend (Both final and interim) and tax. Bank overdraft and cash credit to be treated as short term borrowing. Current investment to be taken as marketable security unless otherwise specified. Note: Previous year proposed dividend to be given effect, as prescribed in AS-4, events occurring after the balance sheet date. Current year's proposed dividend will be accounted for in the next year after it is declared by the shareholders 			 State the meaning and objective of cash flow statement. Develop the understanding of preparation of cash flow statement using indirect method as per AS-3 with given adjustment.

Month Topic	Sub Topic	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student would be able to:
May- June Topic: Fundamentals No. of periods: 20	 Partnership: features, partnership deed Provision of Indian partnership act 1932 in the absence of partnership deed. Fixed v/s fluctuating capital account. Preparation of profit and loss appropriation account- division of profit among partners, guarantee of profits. Past adjustments (relating to interest on capital, drawing, salary and profit sharing ratio) Goodwill: nature, factors affecting goodwill, Methods of valuation-average profit, super profit and capitalization. Note: Interest on partner's loan is to be treated as charge against profits. Goodwill to be adjusted through partners capital/ current account or by raising and writing of goodwill (AS 26) 	 Assignment Fundamentals Change in profit sharing ratio Admission of a partner Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Collection of data	 State the meaning of partnership, partnership firm and partnership deed. Describe the characteristic features of partnership and the content of partnership deed. Discuss the significance of provision of partnership act in the absence of partnership deed. Discuss the significance of provision of partnership act in the absence of partnership deed. Differentiate between fixed and fluctuating capital, outline the process and develop the understanding and skill of preparation of profit and loss account Develop the understanding and skills of preparation of profit and loss account. Develop the understanding and skill of making past adjustments. State the meaning, nature and factors affecting goodwill. Develop the understanding and skill of valuation of goodwill using different methods.
July Topic: Change in profit sharing ratio No. of periods: 16	accounting for revaluation of assets and reassessments of liabilities and treatments of reserves and accumulated profits. Preparation of revaluation account and balance sheet.			 State the meaning of sacrificing ratio, gaining ratio and change in profit sharing ratio among the existing partners. Develop the understanding of accounting treatment of revaluation assets and reassessment of liability and treatment of reserves and accumulated profits by preparing revaluation and balance sheet.
Topic : Admission of a partner No. of periods : 18	• Admission of a partner- effect of admission of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, treatment of reserves and accumulated profits, adjustment of capital account and preparation of balance sheet.			 Explain the effect on change in profit sharing ratio on admission of a partner. Develop the understanding and skill of treatment of goodwill as per AS-26, treatment of revaluation of assets and re-assessment of liabilities, treatment of reserves and accumulated profits, adjustments of capital accounts and preparation of balance sheet of new firm.

Month Topic	Sub Topic	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student would be able to:
Topic: Retirement of partner No. of periods: 18	 Retirement and death of a partner: effect of retirement and death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS-26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profit and reserves, adjustment of capital accounts and preparation of balance sheet. Preparation of loan account of retiring partner. Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account. 	 Assignment Retirement of partner Dissolution of a partnership firm Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Presenting of data	 Explain the effect of retirement/ death of a partner on change in profit sharing ratio. Develop the understanding of accounting treatment of goodwill, revaluation of assets and re-assessment of liabilities and adjustment of accumulated profits and reserves on retirement /death of a partner and capital adjusted. Develop the skill of calculation of deceased partner's share till the time of his death and prepare deceased partner's executor's account. Discuss the preparation of capital accounts of remaining partners and the balance sheet of the firm after retirement/ death of a partner.
August: Topic: Dissolution of a partnership firm No. of periods: 18	 Dissolution of a partnership firm: Meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of account – preparation of realization account and other related accounts: capital account of a partner and cash/bank account (excluding piecemeal distribution, sale to a company and insolvency of partner(s). Note: The realized value of each asset must be given at the time of dissolution. In case, realization expenses are born by a partner, clear indicator should be given regarding the payment thereof. 			 Understand the situation under which a partnership firm can be dissolved. Develop the understanding of preparation of realisation account and other related account.
September		Half Yearly Exa	mination	
Topic : Accounting for Share Capital	 Share and share capital: nature and types Accounting for share capital: issue and allotment of equity and preferences shares- over subscription and under subscription of shares; issue at par and at 	 Assignment Accounting for Share Capital 		• State the meaning of share and share capital and differentiate between equity shares and preference shares and different types of share capital.

Month Topic	Sub Topic	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student would be able
No. of periods: 20	 premium, calls in advance and arrears, issue of shares for consideration other than cash Concept of private placement and employees stock option plan Accounting treatment for forfeiture and reissue of share 	 Assignment Accounting for debentures Non-profit organisation Discussion of Scoring Points/ 	Submission of project report	 to: Understand the meaning of private placement of shares and employees stock option plan. Explain the accounting treatment of share capital transactions regarding issue of shares. Develop the understanding of accounting treatment of forfeiture and re-issue of forfeited shares. Describe the presentation of share capital in the balance sheet of the company as per schedule III of companies act 2013.
October Topic: Accounting for debentures No. of periods: 15	 Debentures: issue of debentures at par, at a premium and at a discount issue of debentures for consideration other than cash; issue of debentures with terms of redemption; debentures as collateral security – concept and interest on debentures. writing of discount and loss on issue of debentures Note: Discount or loss on issue of debentures to be written off in the year debentures are allotted from security premium reserve. (if it exist) and then from the statement of profit and loss as financial cost (AS 16) Redemption of debentures- Methods; Lump sum, draw of lots Creation of debenture redemption reserves Note: related section of company's act 2013 will apply. 	Marking Scheme/ Sample Questions		 Explain the accounting treatment of different categories of transaction related to issue of debentures. Develop the understanding and skill of writing of discount / loss on issue of debentures. Understand the concept of collateral security and its presentation in balance sheet. Develop the skill of calculation of interest on debentures and its accounting treatment. State the meaning of redemption of debentures. Develop the understanding of accounting treatment of transactions relating to redemption of debentures by lump sum method, draw of lots and creation of debenture redemption reserves
Topic: Non-profit organisation No. of periods: 25	 Not for profit organization: concept Receipt and payment account: features and preparation Income and expenditure account: features, preparation of income and expenditure account and 			 State the meaning of nonprofit organization and its distinction from a profit making entity. State the meaning of receipt and payment account and understanding its features. Develop the understanding and skill of preparing receipt and payment account.

Month Topic	Sub Topic	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student would be able to:
	 balance sheet from the given receipt and payment account with additional information. Scope: adjustments in a question should not exceed 3 or 4 in number and restricted to subscription, consumption of consumables and sale of assets and old material. Entrance/ admission fees and general donations are to be treated as revenue receipts. Trading account of incidental activities is not to be prepared. 			 State the meaning of income and expenditure account and understand its features. Develop the understanding and skill of preparing income and expenditure account and balance sheet of a nonprofit organization with the help of given receipt and payment account and additional information.
November		Revis	sion	
December		Pre Board E	xamination	
January		Revis	sion	
February	Revision			
March	Annual Examination			

Periodic Test	<u>t – 1</u>
PART – B	
Unit 4	Analysis of Financial Statement
	Financial Statements of a Company
	Analysis of Financial Statements
	Accounting Ratios
Half Yearly	Examination
PART – A	
Unit 2	Accounting for Partnership firms
	Fundamentals
	Change in Profit Sharing Ratio
	Admission of a Partner
	Retirement and Death of a Partner
	Dissolution of partnership
PART – B	
Unit 4	Analysis of Financial Statement
	Financial Statements of a Company
	Analysis of Financial Statements
	Accounting Ratios
Unit 5	Cash Flow Statements

Pre-Board 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: Nature and Significance of Management No. of periods: 12	 Management- concept, objectives and importance. Management as Science, Art and Profession. Levels of Management Management functions- planning, organizing, staffing, directing and controlling. Coordination- concept and importance. 		 Assignment Nature and Significance of Management Principles of Management Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Topic Selection	 Understand the concept of management. Explain the meaning of Effectiveness and Efficiency'. Discuss the objectives of management. Describe the importance of management as a science, art and profession. Understand the role of top, middle and lower levels of management Explain the functions of management Discuss the concept and characteristics of coordination.
Topic : Principles of Management No. of periods : 14	 Principles of Management- concept and significance Fayol's principles of management 				 Explain the importance of coordination. Understand the concept of principles of management. Explain the significance of management principles. Discuss the principles of Management developed by Fayol.

Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion	Project	Learning Outcomes After going through this unit, the student/ learner would be able to:
• Taylor's Scientific management- principles and techniques		 Assignment Management and Business Environment 		 Explain the principles and techniques of 'Scientific Management'. Compare the contributions of Fayol and Taylor.
• Business environment – concept and importance	Video on Business environment	 Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		 Understanding the concept of business environment Understanding the importance of business environment
 Dimensions of business environment – Economic, Social and technological, political and legal Demonetization-concept and features 				 Describe the various dimensions of business environment. Understanding the concept of demonetization
• Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India.				 Examine the impact on government policy changes on business in India with reference to liberalization, globalization and privatization since 1991. Discuss the managerial response to changes in business environment.
Concept, importance and limitations		 Assignment Planning Discussion of 	Research on given topic	 Understanding the concept of planning. Describe the importance of planning. Describe the limitations of planning.
 Planning process Single use and standing plans, objective, strategy, policy, procedure, methods, rule, budget and programme 	-	Scoring Points/ Marking Scheme/ Sample Questions		 Describe the steps in the process of planning. Develop an understanding of single use and standing plans. Describe objective, strategy, policy, procedure, methods, rule, budget and
	 Taylor's Scientific management- principles and techniques Business environment – concept and importance Dimensions of business environment – Economic, Social and technological, political and legal Demonetization-concept and features Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India. Concept, importance and limitations Planning process Single use and standing plans, objective, strategy, 	Audio Visual Inputs• Taylor's Scientific management- principles and techniquesVideo on Business environment – concept and importance• Dimensions of business environment – Economic, Social and technological, political and legalVideo on Business environment• Dimensions of business environment – Economic, Social and technological, political and legalVideo on Business environment• Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India.• Concept, importance and limitations• Planning process• Single use and standing plans, objective, strategy, policy, procedure, methods,	Audio Visual InputsDiscussion• Taylor's Scientific management- principles and techniques• Assignment • Management and Business Environment• Business environment – concept and importanceVideo on Business environment• Discussion of Scoring Points/ Marking Scheme/ Sample Questions• Dimensions of business environment – Economic, Social and technological, political and legal• Management and Business environment• Dimensions of business environment – Economic, Social and technological, political and legal• Marking Scheme/ Sample Questions• Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India.• Assignment o Planning• Concept, importance and limitations• Assignment o Planning• Single use and standing plans, objective, strategy, policy, procedure, methods,• Assignment Sample Questions	Audio Visual InputsDiscussion• Taylor's Scientific management- principles and techniques• Assignment o Management and Business Environment• Business environment – concept and importanceVideo on Business environment• Discussion of Scoring Points/ Marking Scheme/ Sample Questions• Dimensions of business environment – Economic, Social and technological, political and legal• Nasignment o Management and Business environment• Dimensions of business environment – Economic, Social and technological, political and legal• Assignment Sample Questions• Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India.• Assignment o Planning • Discussion of Scoring Points/ Marking Scheme/ Sample Questions• Concept, importance and limitations• Assignment o Planning • Discussion of Scoring Points/ Marking Scheme/ Sample Questions• Planning process• Assignment o Single use and standing plans, objective, strategy, policy, procedure, methods,

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:
May-June Topic: Organising	• Concept and importance	Video on delegation	 Assignment Organising Discussion of 		 Understand the concept of organizing as a structure and as a process. Explain the importance of organizing.
No. of periods: 15	Organizing process		Scoring Points/ Marking		• Describe the steps in the process of organizing.
	Structure of organization- Functional and divisional concept, Formal and informal organization		 Describe functional and divisional structure of organizing. Explain the advantages, disadvantages and suitability of functional and divisional structure. Understand the concept of formal and informal organization. Discuss the advantages and disadvantages of formal and informal organization. 		
	• Delegation: concept, elements and importance				Understand the concept of delegation.Describe the elements of delegation.Appreciate the importance of delegation.
July Topic: Staffing No. of periods: 16	 Concept and importance of staffing Staffing as a part of Human resource management concept Staffing process 	Video on training	 Assignment Staffing Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	Submission of project report	 Understand the concept of staffing. Explain the importance of staffing. Understand the specialized duties and activities performed by human resource management. Describe the steps in the process of staffing.
	Recruitment process				 Understand the meaning of recruitment. Discuss the source of recruitment. Explain the merits and demerits of internal and external sources of recruitment.

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:
	Selection-process		• Assignment • Directing		Understand the meaning of selection.Describe the steps involved in the process of selection.
	• Training and development- concept and importance, methods of training-on the job and off the job-vestibule training, apprenticeship training and internship training		 Discussion of Scoring Points/ Marking Scheme/ Sample Questions 		 Understand the concept of training and development. Appreciate the importance of training to the organization and to the employees. Discuss the meaning of induction training, vestibule training, apprenticeship training and internship training. Differentiate between training and development. Discuss on the job and off the job methods of training.
July Topic:	• Concept and importance	Video on motivation			Describe the concept of directing.Discuss the importance of directing.
Directing No. of	• Elements of directing				• Describe the various elements of directing.
periods: 15	• Motivation-Concept, Maslow's hierarchy of needs, financial and non- financial incentives				 Understand the concept of motivation. Develop an understanding of Maslow's Hierarchy of needs. Discuss the various financial and non-financial incentives.
	• Leadership concepts-style, authoritative, democratic and laissez faire				Understand the concept of leadership.Understand the various styles of leadership.
	• Communication-concept, formal and informal communications; barriers to effective communication, how to overcome the barriers				 Understand the various concept of communication. Understand the elements of communication process. Discuss the concept of formal and informal communication. Discuss the various barriers to effective communication. Suggest measures to overcome barriers to communication.
July Topic : Controlling	• Controlling- concept and importance				Understand the concept of controlling.Explain the importance of controlling.

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:
No. of periods: 12	 Relationship between planning and controlling Steps in process of 	_	 Assignment Controlling Financial Management 	-	 Describe the relation between planning and controlling. Describe the steps in the process of controlling.
	control		• Discussion of		• Describe the steps in the process of controlling.
August Topic: Financial management	• Concept, role and objective of financial management		Scoring Points/ Marking Scheme/ Sample		 Understand the concept of financial management. Explain the role of financial management in an organization. Discuss the objectives of financial management.
No. of periods: 20	• Financial decision- investment, financing and dividend-Meaning and factors affecting		Questions		• Discuss the three financial decision and the factors affecting them.
	• Financial planning – concepts and importance				 Describe the concept of financial planning and its objectives Explain the importance of financial planning.
	• Capital structure- concept and factors affecting capital structure				 Understand the concept of capital structure. Describe the factors determining the choice of an appropriate capital structure of a company.
	• Fixed and working capital-concepts and factors affecting their requirements.				 Understand the concept of fixed and working capital. Describe the various factors determining the requirement of fixed and working capital.
September Topic:			Half	Yearly Exami	ination
Financial market	• Financial markets: concepts, functions and types			Presenting of data	 Understand the concept of financial market. Explain the functions of financial market. Understand capital market and money market as a type of financial market.

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:
No. of periods: 18	 Money market and its instruments Capital markets and its types (primary and secondary market), methods of floatation in primary market. Stock exchange- Functions and trading procedure SEBI- objective and Functions 	Video on stock exchange	 Assignment Financial Market Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	-	 Understand the concept of money market. Describe the various money market instruments. Describe the concept of capital market. Explain primary and secondary market as type of capital market. Differentiate between capital market and money market. Discuss the methods of floating new issues in primary market. Distinguish between primary and secondary market. Give the meaning of a stock exchange. Explain the functions of a stock exchange. Give the meaning of depository services and demat account as used in the trading procedure of securities. State the objective of SEBI. Explain the function of SEBI.
October Topic: Marketing management No. of periods: 30	 Marketing concepts, functions and philosophies Marketing mix- Concepts and elements Product-branding, labeling, and packaging concept 	Video on marketing	 Assignment Marketing manage-ment Discussion of Scoring Points/Marking Scheme/Sample Questions 	Collection of data	 Understand the concept of marketing. Explain the features of marketing. Discuss the functions of marketing. Explain the marketing philosophies. Understand the concept of marketing mix. Describe the elements of marketing mix. Understand the concept of product as an element of marketing mix. Understand the concept of branding, labeling and packaging

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:
	• Price concept and factor determining price		• Assignment • Consumer	-	Understand the concept of price as an element of marketing mix.Describe the factors determining price of a product.
	• Physical distribution- concept, components and channel of distribution		 protection Discussion of Scoring Points/ 		 Understand the concept of physical distribution. Explain the components of physical distribution. Describe the various channel of distribution.
	• Promotion- Concept and elements; Advertising, personal selling, sales promotion and public relation	n- Concept and Advertising, selling, sales Narking Scheme/ Sample Questions			 Understand the concept of promotion as an element of marketing mix. Describe the elements of promotion mix. Understand the concept of advertising. Understand the concept of sale promotion. Discuss the concept of public relation.
Topic : Consumer protection	nsumer of consumer protection		 Understand the concept of consumer protection. Describe the importance of consumer protection. Discuss the scope of consumer protection act, 1986 		
No. of periods: 12	• Consumer protection act 1986: meaning of consumer, rights and responsibilities of consumer, who can file a complaint? Redressal machinery and remedies available				 Understand the concept of consumer according to the consumer protection act 1986. Explain the consumer rights. Understand the responsibilities of consumer. Understand who can file a complaint and against whom? Discuss the legal redressal machinery under consumer protection act 1986. Explain the remedies available to the consumer under consumer protection act 1986.
	• Consumer Awareness- Role of consumer organization and non- government organization				• Describe the role of consumer organizations and NGOs in protecting consumer's interest.
November	<i>6</i>	I		Revi	ision
December			Р	re Board H	Examination

<u>Periodic Test – 1</u>

Units 1 to 3

Half Yearly Examination

Units 1 to 8

Pre-Board Examination

Full Syllabus

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

Curriculum Plan of Economics (Session: 2019-2020)

Month Topic April Topic: National Income and Related Aggregates No. of Periods:28	 Sub Topic What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model); Methods of calculating National Income - Value Added or Product method, Expenditure method, Income method. Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross and Net Domestic Product (GDP and NDP) - at market price, at factor cost; Real and Nominal GDP. GDP and Welfare 	Activities/ Audio Visual Inputs Video on circular flow of income	 Assignment / Discussion / Project Assignment on basic concepts of macroeconomics, circular flow of income and numerical of national income Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project: Topic selection 	Learning Outcomes After the completion of this chapter, students will be able to- a) Explain the basic concepts of macroeconomics b) Understand the circular flow of income c) Differentiate between consumption goods, capital goods, final goods, intermediate goods d) Solve numerical of national income e) Examine the concept of GDP and welfare in the economy.
May Topic: Money and Banking No. of Periods:15 Topic: Determination of Income and Employment	 Money - meaning and supply of money - Currency held by the public and net demand deposits held by commercial banks. Money creation by the commercial banking system. Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement 	Video on money creation by commercial bank	 Assignment on Money and banking. Income determination and excess and deficient demand Discussion of Scoring Points/Marking Scheme/Sample Questions Project: Research 	 a) Understand the meaning of money supply b) Differentiate between commercial bank and central bank c) Classify the functions of central bank d) Recognise the process of credit creation by commercial bank

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
No. of periods : 15	 Aggregate demand and its components. Propensity to consume and propensity to save (average and marginal). Short-run equilibrium output; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment. Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply. 	Video on inflationary and deflationary gap		 e) Judge the functioning of monetary and fiscal policy of government f) Solve numerical of multiplier g) Apply the mechanism of money multiplier
June			Project: Research	
July Topic: Government Budget and the Economy No. of periods: 17 Topic: Balance of Payments No. of periods: 13	 Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; classification of expenditure – revenue expenditure and capital expenditure. Measures of government deficit - revenue deficit, fiscal deficit, primary deficit their meaning. Balance of payments account - meaning and components; balance of payments deficit-meaning. Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market. 	Video on determination of foreign exchange rate	 Assignment on Objectives of government budget and budget deficit Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project: Data collection 	 a) Classify revenue and capital receipts b) Assess the measures taken by government to reduce deficit c) Differentiate between BOP & BOT d) Understand the meaning of foreign exchange market e) Differentiate between fixed and flexible exchange rate of currency f) Identify the price of currency in foreign exchange market
August Topic: Development Experience	 A brief introduction of the state of Indian economy on the eve of independence. Common goals of Five Year Plans. Main features, problems and policies of agriculture (institutional aspects and new 	Video on zamindari system	• Assignment on Economic reforms and LPG policy	a) Explain the function of market and prices as allocative mechanisms.b) Identify key macro-economic indicators and measures of

Month Topic	Sub Topic	Activities/Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
(1947-90) and Economic Reforms since 1991 No. of periods : 28	 agricultural strategy, etc.), industry (industrial licensing, etc.) and foreign trade. Economic Reforms since 1991: Features and appraisals of liberalization, globalization and privatization (LPG policy); Concepts of demonetization and GST 	Video on GST	 Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project: First Draft 	 economics change, growth, and development. c) Identify and discuss the key concepts underlying comparative advantage. d) Identify and explain major types of market failures.
September		Half Yearly Ex	amination	
Topic : Current challenges facing Indian Economy No. of periods: 35	 Poverty- absolute and relative; Main programmes for poverty alleviation: A critical assessment; Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India Employment: Formal and informal growth Problems and policies. 		 Assignment on Poverty, rural development, human capital formation and employment Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project: Presentation 	 a) Assess the role of domestic and international institutions and norms in shaping economies. b) Describe how economic trade-offs and social values impact public/private social policy, and the success or failure of policies to achieve intended outcomes c) Identify the limits of economic analysis. d) Compare and contract efficiency and equity.

Month Topic	Sub Topic	Activities/Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-		
October Topic: Development Experience of India No. of periods- 18 Topic: Development Experience of India No. of periods:10	 Infrastructure: Meaning and Types: Case Studies: Energy and Health: Problems and Policies- A critical assessment; Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming A comparison with neighbors- India and Pakistan, India and china Issues: Growth, population, sectoral development and other human indicators 	Video on economic comparison of India and Pakistan	 Assignment on Infrastructure and a comparative look on India and its neighbours Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project: Final Submission 	 a) Present economic arguments in non- quantitative form. b) Synthesize the arguments found in both academic and popular economic media. c) Discuss economic concepts in an articulate manner in a classroom. 		
November		Revision	1			
December		Pre Board Exar	nination			
January	Revision					
February	Revision					
March		Annual Exam	ination			

<u>Periodic Test – 1</u>

Unit – 1

Half Yearly Examination

Syllabus- Macroeconomics Units I to V

Pre Board Examination

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	Discussion	Assignment
April Topic: Inverse Trigonometric Functions No. of Periods: 15	Definition, range, domain, principal value branch. Graphs of inverse trigonometric Functions Elementary properties of inverse trigonometric functions.	 To draw the graph of sin⁻¹x, using the graph of sin x and demonstrate the concept of mirror reflection (about the line y = x) To explore the principal value of the function sin⁻¹x using a unit circle. 	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Inverse Trigonometric Functions
Topic: Matrices No. of Periods: 25	Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non- commutativity of multiplication of matrices and existence of non- zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Concept of elementary row and column operations. Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Algebra of Matrices
Topic: Determinants No. of Periods: 25	Determinant of a square matrix (up to 3 x 3 matrices), properties of determinants, minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Determinants (especially operation based and system of equations)

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
May Topic: Continuity and Differentiability No. of Periods: 20	Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives. Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation.	• To find analytically the limit of a function f(x) at x = c and also to check the continuity of the function at that point.	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Continuity, differentiability and Derivatives of various functions
Topic : Applications of Derivatives No. of Periods : 10	Applications of derivatives: rate of change of bodies, increasing/decreasing functions, tangents and normal use of derivatives in approximation, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).	 To verify Rolle's Theorem & Lagrange's Theorem To understand the concepts of decreasing and increasing functions 	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Applications of derivatives (especially increasing- decreasing functions & maxima-minima concept)
July Topic: Integrals No. of Periods: 20	Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them. $\int \frac{dx}{x^2 \pm a^{2}} \int \frac{dx}{\sqrt{x^2 \pm a^2}}, \int \frac{dx}{\sqrt{a^2 - x^2}}, \int \frac{dx}{ax^2 + bx + c}, \int \frac{dx}{\sqrt{ax^{2+bx+c}}}$ $\int \frac{px + q}{ax^2 + bx + c} dx, \int \frac{px + q}{\sqrt{ax^{2+bx+c}}} dx \int \sqrt{a^2 \pm x^2} dx, \int \sqrt{x^2 - a^2} dx$ $\int \sqrt{ax^2 + bx + c} dx, \int (px + q)\sqrt{ax^2 + bx + c} dx$ Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.	• To evaluate the definite integral $\int_{a}^{b} \sqrt{(1-x^2)} dx$ as the sum and verify it by actual integration.	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Definite & Indefinite integrals

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
Topic : Applications of the Integrals No. of Periods : 15	Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only), Area between any of the two above said curves (the region should be clearly identifiable).		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Areas bounded by the curves (including all type of equations)
August Topic: Differential Equations No. of Periods: 15	Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type: $\frac{dy}{dx} + py = q$, where p and q are functions of x or constants. $\frac{dx}{dy} + px = q$, where p and q are functions of y or constants.		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Differential equations (especially homogeneous equations & linear differential equations)
Topic: Vectors No. of Periods: 15	Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors, scalar triple product of vectors.	• To verify geometrically that $\vec{c} x(\vec{a} + \vec{b}) = \vec{c} x \vec{a}$ $+ \vec{c} x \vec{b}$	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Dot product, cross product and triple product of vectors
September	Half Ye	early Examination		

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
October Topic: Three - dimensional Geometry No. of Periods: 15	Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Angle between (i) two lines, (ii) two planes, (iii) a line and a plane. Distance of a point from a plane.	 To demonstrate the equation of a plane in normal form. To measure the shortest distance between two skew lines and verify it analytically. 	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on D.C.'s & D.R.'s of line, co planarity, Cartesian & vector equations, shortest distance between lines and study of plane.
Topic: Linear Programming No. of Periods: 20	Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Formulation of L.P.P., feasible & infeasible solutions
November Topic: Probability No. of Periods: 30	Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean and variance of random variable.	• To explain the computation of conditional probability of a given event A, when event B has already occurred through an example of throwing a pair of dice.	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on conditional probability, Bayes' Theorem, random variable, probability distribution, mean and variance of random variable.
Topic : Relations and Functions No. of Periods : 15	Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and on to functions, composite functions, inverse of a function.	 To verify that the relation R in the set L of all lines in a plane, defined by R = {(l, m): llm} is an equivalence relation. To demonstrate a function which is one-one but not onto. 	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on type of Relations, inverse of function, binary operation, one-one, many one, onto functions.

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment	
December		Pre Board Examination			
January	Revision				
February	Revision				
March		Annual	Examination		

Periodic Test - 1

- Inverse Trigonometric Functions
- > Matrices
- > Determinants

Half Yearly Examination

- Inverse Trigonometric Functions
- > Matrices
- > Determinants
- Continuity and Differentiability
- Applications of Derivatives
- ➢ Integrals
- Applications of Integrals
- Differential Equations
- ➢ Vectors

Pre Board Examination

Full Syllabus

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

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

Month	Sub Topic	Audio Visual	Practical	Miscellaneous
Topic		Inputs		
April	Meaning & Objectives of Planning	Video on		• Assignment
Topic:	Various Committees & its Responsibilities (pre; during & post)	Knock out &		Discussion of
Planning in	Tournament – Knock-Out, League Or Round Robin & Combination	League		Scoring Points/
Sports	Procedure to Draw Fixtures – Knock-Out (Bye & Seeding) & League	tournament.		Marking Scheme/
No. of	(Staircase & Cyclic)	Specific		Sample
periods:	Intramural & Extramural – Meaning, Objectives & Its Significance	sports		Questions
	Specific Sports Programme (Sports Day, Health Run, Run For Fun, Run For Specific Cause & Run For Unity)	Programme.		Questions
Topic:	Balanced Diet & Nutrition: Macro & Micro Nutrients	Video on		7
Sports &	Nutritive & Non-Nutritive Components of Diet	Balanced		
Nutrition	► Eating for Weight Control – A Healthy Weight, The Pitfalls of Dieting, Food	Diet		
	Intolerance & Food			
	Myths			
Topic:	Asanas as preventive measures	Video on		
Yoga &	Obesity: Procedure, Benefits & contraindications for Vajrasana, Hastasana,	Procedure,		
Lifestyle	Trikonasana, Ardh Matsyendrasana	Benefits on		
	Diabetes: Procedure, Benefits & contraindications for Bhujangasana,	yoga with		
	Paschimottasana, Pavan	lifetime		
	Muktasana, Ardh Matsyendrasana	disease		
	Asthema: Procedure, Benefits & contraindications for Sukhasana,			
	Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana,			
	Matsyasana			
	Hypertension: Tadasana, Vajrasana, Pavan Muktasana, Ardha Chakrasana,			
	Bhujangasana, Sharasana			
	Back Pain: Tadasana, Ardh Matsyendrasana, Vakrasana, Shalabhasana,			
	Bhujangasan			

Month	Sub Topic	Audio Visual	Practical	Miscellaneous
Торіс		Inputs		
Topic: Physical Education & Sports for CWSN (Children With Special Needs - Divyang)	 Concept of Disability & Disorder Types of Disability, its causes & nature (cognitive disability, intellectual disability, physical disability) Types of Disorder, its cause & nature (ADHD, SPD, ASD, ODD, OCD) Disability Etiquettes Advantage of Physical Activities for children with special needs Strategies to make Physical Activities assessable for children with special need 	Video on Differentiations Between Disability & Disorder		 Assignment Discussion of Scoring Points/ Marking Scheme/ Sample Questions
May Topic: Children & Women in Sports	 Motor development & factors affecting it Exercise Guidelines at different stages of growth & Development Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis and their corrective measures Sports participation of women in India Special consideration (Menarch & Menstural Disfunction) Female Athletes Triad (Oestoperosis, Amenoria, Eating Disorders) 	Video on Common Postural deformities in children	Fitness tests administration for all items.	 Assignment Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic Test & Measurement in Sports	 Motor Fitness Test – 50 M Standing Start, 600 M Run/Walk, Sit & Reach, Partial Curl Up, Push Ups (Boys), Modified Push Ups (Girls), Standing Broad Jump, Agility – 4x10 M Shuttle Run General Motor Fitness – Barrow three item general motor ability (Standing Broad Jump, Zig Zag Run, Medicine Ball Put – For Boys: 03 Kg & For Girls: 01 Kg) Measurement of Cardio Vascular Fitness – Harvard Step Test/Rockport Test - Computation of Fitness Index: Duration of the Exercise in Seconds x 100 5.5 x Pulse count of 1-1.5 Min after Exercise Rikli & Jones - Senior Citizen Fitness Test 1. Chair Stand Test for lower body strength 2. Arm Curl Test for upper body strength 3. Chair Sit & Reach Test for lower body flexibility 4. Back Scratch Test for upper body flexibility 5. Eight Foot Up & Go Test for agility 6. Six Minute Walk Test for Aerobic Endurance 	Video on Test & Measurement	Procedure for Asanas, Benefits & Contra- indication for any two Asanas for each lifestyle disease.	 Assignment Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month	Sub Topic	Audio Visual	Practical	Miscellaneous
Topic		Inputs		
July	Physiological factor determining component of Physical Fitness	Video on	Procedure for	• Assignment
Topic:	 Effect of exercise on Cardio Respiratory System 	Sports	administering Senior	Discussion of
Physiology &	Effect of exercise on Muscular System	injuries	Citizen Fitness Test	Scoring Points/
Injuries in	Physiological changes due to ageing		for 5 elderly family	Marking Scheme/
Sports	 Sports injuries: Classification (Soft Tissue Injuries: (Abrasion, 		members.	Sample Questions
	Contusion, Laceration, Incision, Sprain & Strain) Bone & Joint			
	Injuries: (Dislocation, Fractures: Stress Fracture, Green Stick,			
	Communated, Transverse Oblique & Impacted) Causes, Prevention & treatment			
	First Aid – Aims & Objectives			
August	Meaning and Importance of Biomechanics in Sports	Video on	Any one game of	• Assignment
Topic:	> Types of movements (Flexion, Extension, Abduction & Adduction)	Components	your choice out of	Discussion of
Biomechanics	Newton's Law of Motion & its application in sports	of	the list above.	Scoring Points/
& Sports	Friction & Sports	biomechanics	Labelled diagram of	Marking Scheme/
1	1		field & equipment	Sample Questions
			(Rules,	Sample Questions
			Terminologies &	
			Skills).	
September	Half Yearly Exan	nination	•	
Topic:		1	Γ	
Psychology &	Personality; its definition & types – Trait & Types (Sheldon & Jung	Video on Big		• Assignment
Sports	Classification) & Big Five Theory	five theory,		• Discussion of
•	Motivation, its type & techniques	Aggressions		Scoring Points/
	Exercise Adherence; Reasons to Exercise, Benefits of Exercise	in sports		Marking
	Strategies for Enhancing Adherence to Exercise			Scheme/ Sample
	Meaning, Concept & Types of Aggressions in Sports			-
October	Strength – Definition, types & methods of improving Strength –	Video on all		Questions
Topic:	Isometric, Isotonic & Isokinetic	types of sports		
Training in	Endurance - Definition, types & methods to develop Endurance –	training		
Sports	Continuous Training, Interval Training & Fartlek Training			

Sub Topic	Audio Visual	Practical	Miscellaneous
	Inputs		
 Speed – Definition, types & methods to develop Speed – Acceleration Run & Pace Run Flexibility – Definition, types & methods to improve flexibility Coordinative Abilities – Definition & types Circuit Training - Introduction & its importance 			 Assignment Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Revision	1	l	
Pre Board Examina	ntion		
Revision			
Revision			
Annual Examination	ion		
	 Speed – Definition, types & methods to develop Speed – Acceleration Run & Pace Run Flexibility – Definition, types & methods to improve flexibility Coordinative Abilities – Definition & types Circuit Training - Introduction & its importance Revision Pre Board Examina Revision Revision 	Inputs Speed – Definition, types & methods to develop Speed – Acceleration Run & Pace Run Flexibility – Definition, types & methods to improve flexibility Coordinative Abilities – Definition & types Circuit Training - Introduction & its importance Revision Pre Board Examination Revision	Imputs Inputs > Speed – Definition, types & methods to develop Speed – Acceleration Run & Pace Run Imputs > Flexibility – Definition, types & methods to improve flexibility Coordinative Abilities – Definition & types > Circuit Training - Introduction & its importance Imputs Pre Board Examination Revision Revision Revision

PERIODIC TEST - 1

Unit 1

HALF YEARLY EXAMINATION

Units 1 to 7

PRE-BOARD EXAMINATION

Full Syllabus

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

अभिभावक कृपया ध्यान दें

- रकूल 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 ख़त्म होने के आधे घंटे बाद से ज्यादा देर तक स्कूल में न छोड़े |
- 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 |
- कृपया बच्चे की फीस लोकल चैक से अप्रैल, जुलाई, अक्तूबर तथा जनवरी की दस तारीख तक जमा करवा दें / उसके बाद 1 रू. प्रतिदिन फाइन लगेगा / अगर आपका चैक किसी कारण से वापिस आता है तो 500 रूपये पेनल्टी तथा लेट फी फाइन लगेगा एवं फीस केवल ड्राफ्ट द्वारा ली जाएगी / दूसरी बार चैक नहीं लिया जाएगा /
 देर से आने वाले बच्चों को वापिस भेज दिया जाएगा /

अभिभावक के हस्ताक्षर