Economics - Syllabus of Theory Paper

		Part A Introduction					
Progr	ram: Certificate	Class: B.A. I year	Year: 2021	Session:2021-22			
		Subject: Economics	1				
1	Course Code		A1-ECON1T				
2	Course Title	MICRO	DECONOMIC:				
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)	CORE COURSE					
4	Pre-requisite (if any)	12th Pass in Any Discipline					
5	Course Learning outcomes (CLO)	understand rational microeconomics. The and producer's behind Students will be able markets and their of the They will be also able and concept of microeconomics is understanding of markets and such as mething world, such as mething microeconomics.	ey will be able aviour and their to know about decisions about le to explain the f economic an excellent any factors that ods of buying g ltimately, learning	dents will be able to and fundamentals o to explain consumer's r optimum decisions the firms and industry optimum production theory of distribution welfare. Learning way to gain an affect us in the real- goods, product pricing and microeconomics is feconomics.			

Economics - Syllabus of Theory Paper

		Part A Introduction			
Program: Certificate		Class: B.A. I Year	Year: 2021	Session:2021-22	
		Subject: Economics	-		
1	Course Code		A1-ECON	N2T	
2	Course Title	IN	DIAN ECONO	MY(Paper 2)	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)	CORE COURSE			
4	Pre-requisite (if any)	12 th Pass in Any Discipline			
5	Course Learning outcomes (CLO)	After completing this analytical skills by a economy. They wis Agriculture, Industrivarious Economic Private with broad overview	s course, studenthighlighting on the familiar sy, Foreign Transcription of Madhya Pranscription in the familiar of the	broad overview of the Indian with the issues related to the Economic Planning and Students will be acquainted adesh Economy. They will be the events and issues related to	

BA I Year: English Literature

		Part A	Introduction		
Prog	gram: Certificate Course	Class': BA	Year: I	Session: 2021-22	
	S	ubject: Englis	h Literature (Th	eory)	
1	Course Code			A1-ELIT L T	
2	Course Title		Study of Dr	ama (Paper I, Theory)	
3			Core Course		
4	4 Pre-requisite (if any)		To study this course, a student must have had the subject English Language/ English Literature in class 12th.		
5	Course Learning outcome (CLO)	creativi underst course,	The course will inculcate team work, communicative ability creativity and aesthetic sense in students, enabling them understand, in detail, drama and the theatre. Through the course, the students will acquire the knowledge of Different genres of drama, like comedy, tragedy, entheatre, and commedia dell'arte. Distinctive features of Sanskrit, Greek, English American, and Indian plays.		

1		Pa	ert A Introduction		
		Class': BA	Year: I	Session: 2021-22	
		Subject: E	English Literature (Practi	cal)	
1	Course Code		A	1-ELITAP	
2	Course Title		Applied Dran	na (Paper 🗓 Practical)	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)		Core Course		
4	Pre-requisite (if any)		To study this course, a student must have had the subject English Language/English Literature in class 12th.		
5 Course Learning outcomes (CLO)		outcomes	ability, creativity and aes	eate team work, communicative sthetic sense in students, enabling detail, drama and the theatre the students will acquire the	
			Different genres of drama, like comedy, tragedy, e theatre, and commedia dell'arte Distinctive features of Sanskrit, Greek, English American, and Indian plays Dramatic techniques and elements like plot, their character, spectacle and narrative		

BA I Year: English Literature

		Part A	Introduction		
Prog	gram: Certificate Course	Class': BA	Year: I	Session: 2021-22	
		ubject: Englis	h Literature (T	heory)	
1	Course Code			A1-ELIT2T	
2	Course Title		Study of P	oetry (Paper 2, Theory)	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)		Core Course		
4	Pre-requisite (if any)		To study this course, a student must have had the subject English Language/English Literature in class 12th.		
5	Course Learning outcome (CLO)	mes The Str students and a n students • to ic elen • to d	udy of Poetry v s, but also inspi ew way of think s will be able dentify, interpret, nents of poetry, evelop literary in	will not only instruct and delight the re them to have positivity, creativity, cing. After the study of this paper, the , analyze and appreciate the various	

		P	art A Inti	roduction	
Program: Certificate Class: BA Course		`	Year: I	Session: 2021-22	
	The state of the s	Subject:	English Lit	terature (Practi	cal)
1	Course Code			A	I-ELITQP
2	Course Title			Applied Poetr	y (Paper 2 , Practical)
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)		Core Course		
4	Pre-requisite (if a	To study this course, a student must have had the subject English Language/English Literature in class 12th.			
5	Course Learning outcomes (CLO)		students and a ne	but also inspire	not only instruct and delight them to have positivity, creativing. After the study of this pap
			• to de	ents of poetry, velop literary into	te the lyrical and sonorous qual
			mechanis will; • accel Engli	of literature erate the confic ish and surge the	for learners in understanding to in a creative manner. This could dence of students for extempo ir knowledge; and I and arguing capacity of studen

		Part A	A: Introduct	ion	
Progr	am: Certificate Course	Class: B.	A. I Year	Year: 2021	Session: 2021-2022
		Subj	ect: Geograp	hy	
1.	Course Code			A1 - GEOG	tr
2.	Course Title	Pape	r-1: Huma	The second secon	vironment and Culture
3.	Course Type (Core/ Elective/ Gene Elective/ Vocational/.	ric Par	Pare 1 Core course		
4.	Pre-requisite (If any		To study the course, a student must have passed 12 th Class.		
5.	Course Learning Outcomes (CLO)				

		Part A	: Introduct	ion		
Progr	am: Certificate Course	Class: B.A	lass: B.A. I Year Year: 2021 Session: 202			
		Subje	ct: Geograp	hy		
1.	Course Code			A1 - GEO	G\$P	
2.	Course Title		Practical Po	per 72: Cartog	graphic Techniques	
3.			Core course			
4.	Pre-requisite (If any	0	To study this course, a student must have passed 12 th Class.			
5.	Course Learning Outcomes (CLO)	After ti.	Develop representat Compreher cartograph	hands on sk ion of data. nd thematic m	e students will be able to ills in diagrammatic apping techniques, its and interpretation.	

2019-20

-		Part A: Introd	luction		
Prog	ram: Certificate Course	Class: B.A. I Year	Year: 2021	Session: 2021-2022	
		Subject: Georg	graphy		
1.	Course Code	A1 - GEOG2T			
2.	Course Title	Paper -2: Physic	al Geography - Li	thosphere (Geomorphology)	
3.	Course Type (Core/ Elective/ Generic Elective/ Vocational/)	Paper -2: Physical Geography - Lithosphere (Geomorphology) Core course			
4.	Pre-requisite (If any)	To study	the course, a studer 12 th Class	nt must have passed	
5.	Course Learning Outcomes (CLO)	i. Understand compose it a ii. Learn about development iii. Analyze how affect the development affect the development affect the development.	the internal struct and forces within the the contribution of of Physical Geogra the natural and an velopment of land for about the denudation arth's surface to si	thropogenic operating factor	

History

		Part A: Introdu	The second secon	
Progr	gram: Certificate Course Class: B.A. I Year Year: 2021			Session: 2021-2022
		Subject: Geogra	iphy	
1.	Course Code		A1 – GEOG	
2.	Course Title	Practice	ıl Paper -2: Gene	ral Cartography
3.	Course Type (Core/ Elective/ Generic Elective/ Vocational/)	Core course		
4.	Pre-requisite (If any)	To study this course, a student must have passed 12 th Class.		
5.	Course Learning Outcomes (CLO)	Learn the and Cons Create p maps t	principles of Map truction of Scale. professional and through thought	besign, Map Reading aesthetically pleasing application of
		iii. Compreh		oles and types of ain and Tape survey.

Format for Syllabus of Theory Paper

38	E TOTAL TRANSPORT	Part A	Introduction		
Prog	gram: Certificate	Class': BA I	Year: 2021	Session: 2021-22	
		Subj	ect : History		
1	Course Code		A1-	HIST-IT	
2	Course Title		-	of Bharat	
3	Course Type (Cor Course/Elective/G Elective/Vocation:	eneric	Core Course		
4	Pre-requisite (if a	ny) This cou	This course can be opted by any student who has passed 12th class.		
Students will acquire knowledge regarding the life and cultural status of the people of ancie. They can gather knowledge about the society, religion and political history of ancient India. T also acquire the knowledge of changing socio scenarios of India. By studying this paper, stude get to know the golden past of India and feel puthernselves.				the people of ancient India. ge about the society, culture, ry of ancient India. They will ge of changing socio-cultural lying this paper, students will	

Format for Syllabus of Theory Paper

7	A RESIDENCE	Part A	Introduction			
Pro	Program: Certificate Class:		Year : 2021	Session: 2021-22		
110	grain. Certificate		ject : History			
1	Course Code		A1-	HIST-2T		
2	Course Title	Hi	story of Ancient Ind	ia (From Early to 1205 AD)		
3	Course Type (Core Course/Elective/G Elective/Vocations	eneric	Core Course			
4	Pre-requisite (if an	ry) This co				
5	Course Learning Outcomes (CLO)	evoluti Protoh knowle Indus- Vedic conter detail Gupta literat the br	ion and developme istoric and Historic edge about the and Saraswati Civilizat Civilization etc. and inporary civilization about golden past of period, their co	o analyze the various stages of the care and in the Prehistoric care. To have an in depth cient civilizations of India like ion, Vedic civilization, Late and compare them with the others of the world. To explain it of India during the Mauryan and inquests, art, architecture and ble to write meaningful essays of Rajput clans and the South India.		

Format for Syllabus of Theory Paper

		Part	A Introduction	THE RESERVE OF THE PERSON OF T			
Cert	ram: ificate/Diploma	Class: BA Year		Session: 2021-22			
Degi	ree/	Subjec	t: Political Science				
			A	1-POSC1T			
2	Course Title			tical Theory			
3			Core Course				
4		Tos	To study this course, a student must have passed 12th. Student of any subject can study this course.				
5	4 Pre-requisite (if any)		1. Student will be able to understand meaning and significance of Political theory, different ideologies and approaches. 2. They will be able to explain concept of state and its changing nature. 3. They will learn what is power and authority and how they are interwoven. These two concepts will further enhance their understanding of politics. 4. They will be able to learn different dimensions of sovereignty and its relation with state. 5. They will be able to explain liberty, equality, justice and rights. Understanding of these key political concepts will facilitate students in real political world. 6. They will be able to explain different models of democracy and theories of representation.				

81			Part A	Introduction		
	gram: ificate/Diploma ree/	Clas Yea	ss: BA I r	Year: 2021	Session: 2021-22	
		S	ubject: P	olitical Science	10000	
1	Course Code			A1-P	OSC2T	
2	Course Title			Indian C	Constitution	
3	Course Type (Core Course/Elective/Gen Elective/Vocational/.			Core	Course Factorial	
4	Pre-requisite (if any)		To study this course, a student must have passed 12 th . Student of any subject can study this course.			
5			 Students will be able to understand the constitutions development in India. They will be able to answer how constitues assembly was formed. They will be able to describe the significance of the Preamble, Fundamental rights and Directive Principles of State Policy in the constitutional design of India. They will be able to answer questions pertaining the function and role of the President, Principles, Governor, Chief Minister, Parliament and State legislature, and the courts in the Constitutional design of India. They will be able to identify the power division in the Constitutions and the courts in the Constitutions design of India. 			

			Part(A)Introd				
Prop	gramme : Certificate Co	urse	Class : B.A P ^t Year	Year : First	Session : 2021-2022		
			Subject: SOCIOLO	OGY			
01	Course Code	A1-	SOCI 2T				
02	Course Title	Indian	Society and Culture E in	paper			
03	Course Type	CoreCo					
04	Pre-requisite	OpenforallB.A1 st yearstudents.					
05	Course Learning Outcomes (CLO)	OpenforallB.A1 "yearstudents. This paper is expected to bring familiarity among student about Indian society. It will present a comprehensive, integrated and empirical profile of Indian society. It is supposed that the structure and processes operative in the society, the changin agents operating in Indian society presented in this paper will also enable students gain a better understanding of their own situation and region. 1. Get an impression about the basic composition of Indian society, its histor moorings, basic philosophical foundations of the society and the in stitutions. 2. The student will have extensive comprehension of Indian traditions and opportunity to explore and express them. 3. They will also learn in detail about the threelayers of Indian society; name "Aranyak, Lok (Gramya) and Nagar" 4. After reading this course the student will beable to understand and strengt local/regional employment avenues.					

		Part A I	ntroduction		
Prog	gram: Certificate	Class: B.Sc. 1styear	Year : 2021	Session: 2021-22	
		Subje	ct: Botany		
1	Course Code		S1-	BOTA\$T	
2	Course Title	Applied	Botany (Paper		
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)	Core Co	Core Course		
4	Pre-requisite (if any)	To study the subje	To study this course, a student must have had the subject Biology/ Life Sciences/ Agriculture in class/12th		
5	Course Learning outcom (CLO)	• U • L • G ir • G	By the end of this course the student should have: Understood the significance and role of botany. Learnt the basic aspects of applied botany. Gained knowledge about employment opportunities in field of botany Gained knowledge about start-up opportunities in the field of botany Learnt about opportunities of social services Gain knowledge about best health practices		

		P	art A Introduction		
Prog	Program: Certificate Class: B		Sc. Year: 2021	Session: 2021-22	
			Subject: Botany		
1	Course Code		S1-I	ВОТА1Р	
2	Course Title		Applied Botany	Practical (paper E)	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)		Core Course		
. 4	Pre-requisite (if any)		To study this course, a student must have had the subject Botany, Biology, Life Science in class/12th/.		
5	Course Learning outcomes (CLO)		On completion of this course, learners will be able to By the end of this course the student should have knowledge of practical skill related with ethnobotany tissue culture, application of bioinformatics software a tools of recombinant DNA technology.		

- 19			ntroduction			
Program: Certificate Clas		Class: BSc-I	Year:2021	Session:2021-22		
		Subje	ct: Botany			
1	Course Code		S1-	-BOTA2T		
2	Course Title			tany (paper III)		
3	Course Type (Core Course/Elective/Gen Elective/Vocational/.	Non-Contract of the Contract o	Core Course			
4	Pre-requisite (if any)		To study this course, a student must have had the subject botany in class/12th/ certificate/diploma.			
5	Course Learning out (CLO)	d k li c T T T T T T T T T T T T T T T T T T T	 This course will help the student to understand the diversity of plants and evolutionary process in plakingdoms. It gives an accounts of plant adaptations from aque condition to colonize terrestrial habitat. The changes in morphological, anatomical and reproductive structures that propel plant evolution can be investigated. The economic importance and significance of plain nature will be understood. 			

		P	art A Ir	troduction	
Prog	ram: Certificate	Class: 1st		Year: 2021	Session: 2021-22
		Sul	bject : Bo	tany Practical	71
1	Course Code				OTA2P
2	Course Title		Basic B	otany Practical (Pa	
3 Course Type (Core Course/Elective/Generic Elective/Vocational/)		Core Course			
4 Pre-requisite (if any)			To study this course, a student must have had the subject of Biology/ Life science/Agriculture in class 12th.		
5 Course Learning outcomes (CLO)			Students will learn to carry out practical work in the laboratory, Interpreting plant morphology and anatomy of various groups of lower and higher plants. Students will be able to identify the major groups o microorganisms.		

B.Sc. I Year Chemistry Syllabus

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CBCS Annual Pattern From Academic Year 2021-2022

Paper I

	Part	A Introduction				
Program- CERTIFICATE	Class-B.Sc.	Year- First	Session: 2021-2022			
	Subj	ect - Chemistry				
Course Code S1-CHEM1T						
Course Title Fundamentals of Chemistry (Paper I)						
Course Type	Course Type Core Course					
Pre-requisite (if any)	To study this course our students must have had the subject Chemistry in class +2 or equivalent.					
Course Learning Outcomes (CLO)	1. Ancient 2. Various structure 3. Significa 4. Concept 5. Theories 6. Acid-ba 7. Factors r 8. Basics a	Indian chemical tech theories and principle ance of quantum num of periodic properties related to chemical se concept, ph, buffer	bers. s of elements. bonding. y of organic molecules.			

1		PR	RACTICAL					
	ogram- ERTIFICATE	Class- B.Sc. Year- First Session: 2021						
		Subj	ect -Chemistry					
1	Course Code	S1-CHEM1P	•					
	Course Title	Qualitative & Q	uantitative Chemical	analysis (Poler 7)				
2	Course Type	Core Course						
3	Course Learning Outcomes (CLO)	1. Importance experiment 2. Qualitative 3. Elemental 4. Qualitative compound 5. Technique	ercises in Chemistry: e of chemical safety and its in laboratory e inorganic analysis analysis of organic comp re identification of func	lab safety while performing pounds (non-instrumental) ctional group of organic				

B.Sc. I Year Chemistry Syllabus

CBCS Annual Pattern From Academic Year 2021-2022

Paper II

MARKET ST	Part	A Introduction				
Program- CERTIFICATE	Class- B.Sc. Year- First Session: 2021-202					
	Subj	ect - Chemistry				
Course Code	S1-CHEM2T					
Course Title	Analytical Che	mistry (Paper II)				
Course Type	Core Course					
Pre-requisite (if any)	To study this course students must have had the subject Chemistry in class +2 or equivalent. By the end of this course students will learn the following aspects					
Course Learning Outcomes (CLO)	of Chemistry: 1. Basic co 2. Fundam analysis 3. Basic kt 4. Basic C 5. Principl technique	entals of Mathemati entals of analytical of howledge of Comput- oncepts of Chemical es of Chromatog	cs for Chemists. chemistry and steps involved in er for chemists. equilibrium. graphy and chromatographi			

PRACTICAL Session: 2021-2022 Year-First Class- B.Sc. Program-CERTIFICATE Subject - Chemistry S1-CHEM2P Course Code **Analytical Processes and Techniques** Course Title Core Course Course Type By the end of this course students will learn the following Course Learning 3 aspects of Laboratory exercises in Chemistry: Outcomes (CLO) Concepts and analytical methods in Chemistry. Preparation of solutions of different concentrations. Standardization of the solution. 4. Identification of Organic compounds by chromatographic techniques. Analysis by Spectral Techniques.

S1-MATH\$T

		Part A: Introduct	ion				
Pr	ogram: Certificate Course	Class: B.Sc. I Year	Year: 2021	Session: 2021-2022			
		Subject: Mathema	tics				
1	Course Code		S1-MATH1T				
2	Course Title	Algebra, Vector A	nalysis and Geo	metry (Paper 1)			
3	Course Type		Core Course				
4	Pre-requisite (if any)	To study this course, a student must have had the subject Mathematics in class 12 th .					
5	Course Learning Outcomes (CLO)		nt and inconsist row echelon for nk of matrix. Values and correst ge of vector calculedge of three di	ulus in geometry.			

S1-MATH2T

		Part A: Introduct	ion			
Program: Certificate Course Class: B.Sc. Year Year: 2021 Session: 20						
		Subject: Mathema	tics			
1	Course Code		S1-MATH2T			
2	Course Title	Calculus and Di	fferential Equation	ons (Paper 2)		
3	Course Type		Core Course			
4		To study this course, a student must have had the subject Mathematics in class 12 th .				
5	Outcomes (CLO)	The course will enable the students to: 1. Sketch curves in a plane using its Mathematical properties the different coordinate systems of reference. 2. Using the derivatives in Optimization, Social science Physics and Life sciences etc. 3. Formulate the Differential equations for various Mathematic models. 4. Using techniques to solve and analyze various Mathematic models.				

F		Part A - Introduction
	rogram. Certificate	Class: B.Sc. Year Year: 2021 Session: 2021-2022
1	T 0 0 1	Subject: Physics
1.	Course Code	S1-PHYS T
2.	Course Title	Thermodynamics and Statistical Physics (Paper 2)
3.	Course Type (Core/Elective/Generic Elective/Vocational/)	Core course
4.	Pre- requisite (If any)	To study this course, a student must have had the subject Physics in 12 th class.
5.	Course Learning Outcomes (CLO)	 The course would enable the students to understand the basic Physics of heat and temperature in relation to energy, work, radiation and matter. The students are expected to learn that "how laws of thermodynamics are used in a heat engine to transform heat into work". This course will also develop an understanding of the various concepts of statistics and the methods to apply them in thermodynamics. Students will understand the importance of studying statistical mechanics with the behavior of particles under classical and quantum conditions.

F	Program: Certificate	Class: B.Sc. Year	Year: 2021	Session: 2021-2022
		Subject: Physics	100112021	GCCG1011. 2021 2022
1.	Course Code		S1-PHYS1P	(1P)
2.	Course Title	Thermodyna		tistical Physics Lab
3.	Course Type (Core/Elective/Generic Elective/Vocational/)		Core course	-
4.	Pre- requisite (If any)	To study this con subject	urse, a student et Physics in 1	t must have had the 2 th class.
5.	Course Learning Outcomes (CLO)	about heat a experiments. 2. The students different for particles in the students.	nd radiation by the swill acquire the system using the swill be a	practical knowledge by performing various knowledge about the bution of subatomic ng statistical methods. able to use various ents in daily life.

F	Program: Certificate	Class: B.Sc. Year Year: 2021 Session: 2021-2022
		Subject: Physics
1.	Course Code	S1-PHYS 2 T
2.	Course Title	Mechanics and General Properties of Matter (Paper 2)
3.	Course Type (Core/Elective/Generic Elective/Vocational/	Core course
4.	Pre- requisite (If any)	To study this course, a student must have had the subject Physics in 12 th class.
5.	Course Learning Outcomes (CLO)	 The course would empower the students to develop the idea about the behavior of physical bodies. It will provide the basic concepts related to the motion of all the objects around us in daily life. The students would be able to build foundation to various applied field in science and technology especially in the field of mechanical engineering The students will acquire the knowledge of basic mathematical methods to solve the various problem in physics. The students will be able the understand the relativistic effect and the relation between energy and mass.

	Program: Certificate	Part A - Introduction
- '	rogram. Certificate	Class: B.Sc. Year Year: 2021 Session: 2021-2022
		Subject: Physics
1.	Course Code	S1-PHYS2P
2.	Course Title	Mechanics and General Properties of Matter Lab (Paper 2)
3.	Course Type (Core/Elective/Generic Elective/Vocational/)	Core course
4.	Pre- requisite (If any)	To study this course, a student must have had the subject Physics in 12th class.
5.	Course Learning Outcomes (CLO)	The students would acquire basic practical knowledge related to mechanics through the experiments. Students will be familiar with various measurement devices by which they can measure various physical quantities with accuracy. The students will develop the concept related to the mechanics and properties of matter.

Zoology

Theory Syllabus

2

		Part A Intro	duc	tion	
]	Porgramme: Certificate Course	Class: B.Sc.		Year: I year	Session: 2021-2022
		Subject: Zo	olog	gy	
1	Course Code	S	-Z	OOL1T	
2	Course Title	A	nim	al Diversity: Non	-Chordata (Paper - 1)
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)			Course	
4	Pre-requisite (if any)	Te	stu bjec	dy this course a st at Biology in 12 th C	udent must have had the
5	Course Learning outcomes (Cl	U	abl 1. 2.	Learn about the taxonomy and phidea of evolution Understand the anatomical structure animals of difference of the knowle ecological and various animals i	edge about economic medical significance of n human welfare. important parasites and

Practical Syllabus

		Part A Intro	duction		
I	Porgramme: Certificate Course	Class: B.Sc.	Year: I year	Session: 2021-2022	
		Subject: Zo	oology		
1	Course Code	S1-ZC	OL1P		
2	Course Title	Invert	ebrata (Paper I)		
Course Type (Core Course/Elective/Generic Elective/Vocational/)			Core Course		
4	Pre-requisite (if any)		To study this course a student must have had the subject Biology in 12 th Class		
5	Course Learning outcomes (CLO)		tand Identify invertebrate and their histology specimens and slides Learn their diff dissections Enhance collabo communication sl	erent systems through rative learning and kills through practical ork, group discussions	

Theory Syllabus

		Part A Intr	oduction	
Porgra	mme: Certificate Course	Class: B.Sc.	Year : I year	Session: 2021-2022
		Subject: Zool	logy	
1	Course Code	S1-ZOOL27		
2	Course Title		, Reproductive biol tal Biology (Paper	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)	Core Course		
4	Pre-requisite (if any)	To study this Biology in 12	course a student mu 2th Class.	ast have had the subject
5	Course Learning outcomes (CLO)	1. Develop it function 2. Understate biology, 3. Understate and cellu 4. Understate trends, in human w 5. Understate develope understate establish organism	deeper understanding one at cellular level and the nature and Reproductive and Early organelles and the importance reproductive techniquel are. In the general properties and the general properties and the development of body ins.	basic concepts of Cel Developmental biology actions of cell membrane of latest reproductive ques to be applied for batterns and sequentia and gembryogenesis; and mental processes lead to plan of multi-cellula

Practical Syllabus

		Part A Intro	luction	
P	orgramme: Certificate Course	Class: B.Sc.	Year : I year	Session: 2021-2022
		Subject: Zo		
1	Course Code	S1-ZOOL	- W.	
2	Course Title	Cytology, (Paper 2)	Reproductive biology	and Embryology
3	Course Type (Core Course/Elective/Generic Elective/Vocational/)	Core Cours	se	
4	Pre-requisite (if any)	To study th Biology in	iis course a student mu 12 th Class.	st have had the subject
5	Course Learning outcomes (CLO)	Upon compunderstand 1. The divi 2. Diff 3. Threstage chro	different stages of makes and special types ferent stages of embryough squash preparates of cell division and omosome ance collaborative munication skills thrown work group discussions.	ology ations understand the d structure of polytene

Commerce

Part A introduction

Pr	rogramme : Ce	ertificate Cla	ass:B.COM.1 st Year Session 2021-22
Su	bject: Comn	ierce	
	CourseCode		C1-COMAIT
2	Course Title		Financial Accounting
3	Course Type		Core
4	Pre-requisite		Not requiredopen for all
5	Course Learning Outcomes	Acqu Ident Deve accor Desc Equi accor Ident pass	uire conceptual knowledge of basics of accounting tify events that need to be recorded in the accounting records eloptheskillofrecordingfinancialtransactionsandpreparationofreports in rdance with GAAP cribe the role of accounting information and itslimitations in with the knowledge of accounting process and preparation off in a sunts of sole trader tify and analyze the reasons for the difference between cash book and book balances or opinize circumstances providing for increased exposure to errors and ds

Part A introduction

_	gramme : Certifi ject: COMMERCI		:B.COM.1 st Year session 2021-22 egulatory Framework)	
1	CourseCode		C1 COMA 2T	
2	Course Title	No. Company	Business regulatory Framework (PAPER 2)	
3	Course Type		Core	
4	Pre-requisite		Not required (open for all)	
5	Course Learning Outcomes	of genera Laws Of T To Explain Sale Cont Law with Consume	Not required (open for all) me of this course is to provide the students with practical legal knowledge I business law issues. To Understand the Essentials of A Valid Contract, The he Act, Consideration And The Various Modes Of Discharge Of A Contract in the Various Laws with Regard to The Sale of Goods and Performance of a ract and Remedial Measures, to Familiarize the Students with The Various Regard to Consumer Protection in India And the Functions of Various in Forumsand, to Understand the Meaning and The Various Legislations with The Cyber Laws	