



चौधरी चरण सिंह विश्वविद्यालय, मेरठ
Ch. Charan Singh University, Meerut

पत्रांक : परीक्षा/3964
दिनांक : 15.06.2021

सेवा में,

विभागाध्यक्ष/निदेशक/समन्वयक,
चौधरी चरण सिंह विश्वविद्यालय परिसर,
मेरठ।

विषय: विश्वविद्यालय परिसर की सत्र 2020-21 की सम सेमेस्टर परीक्षा (जून-2021) की च्वाइस बेस्ड क्रेडिट सिस्टम (सी0बी0सी0एस0) आधारित द्वितीय एवं चतुर्थ सेमेस्टर्स की विषय कोड पुस्तिका के सम्बन्ध में।

महोदय/महोदया,

अवगत कराना है कि विश्वविद्यालय परिसर की सत्र 2020-21 की सम सेमेस्टर परीक्षा (जून-2021) की च्वाइस बेस्ड क्रेडिट सिस्टम (सी0बी0सी0एस0) आधारित द्वितीय एवं चतुर्थ सेमेस्टर्स की विषय कोड पुस्तिका तैयार की जा चुकी है। उक्त विषय कोड पुस्तिका विश्वविद्यालय की आधिकारिक वेबसाइट www.ccsuniversity.ac.in पर इस आशय से उपलब्ध करायी जा रही है कि सन्दर्भित विषय कोड पुस्तिका में यदि कोई संशोधन पाया जाता है तो शीघ्र ही परीक्षा विभाग को संशोधन सहित उपलब्ध एवं अवगत कराने का कष्ट करें।

अतः उक्त के सम्बन्ध में अनुरोध है कि कृपया विषय कोड पुस्तिका को उपरोक्त सन्दर्भित वेबसाइट से डाउनलोड कर अपने विभाग में अध्ययनरत समस्त छात्र/छात्राजों को अपने स्तर से व्यापक रूप से अवगत कराये जाने का कष्ट करें।

भवदीय,
15/06/21
सहाय कुलसचिव (परीक्षा)

INDEX

C.C.S. University, Meerut (Start CBCS Course Session 2016-17)

CAMPUS CBCS Code List – 2020–21(June Semester)

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C.C.S. University, Meerut			OPEN ELECTIVE				Campus CBCS Code List 2020-21						
IIInd Semester (Jun-2021)						IVth Semester (Jun-2021)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
		<u>Any One Paper</u>											
HISTORY	CO-6601	Indian Rituals and Karma	50	50	--	100	HISTORY	CO-8601	GROUP WORK	50	50	-	100
URDU	CO-6602	Urdu Proficiency	50	50	--	100	URDU	CO-8602	GROUP WORK	50	50	-	100
PSYCHOLOGY	CO-6603	Psychology and Spirituality	50	50	--	100	PSYCHOLOGY	CO-8603	GROUP WORK	50	50	-	100
CHEMISTRY	CO-6604	Chemistry in Life I	50	50	--	100	CHEMISTRY	CO-8604	GROUP WORK	50	50	-	100
MATHEMATICS	CO-6605	Optimization Techniques	50	50	--	100	MATHEMATICS	CO-8605	GROUP WORK	50	50	-	100
ZOOLOGY	CO-6606	Poultry Science and Management	50	50	--	100	ZOOLOGY	CO-8606	GROUP WORK	50	50	-	100
TOXICOLOGY	CO-6607	Health & Hygiene	50	50	--	100	TOXICOLOGY	CO-8607	GROUP WORK	50	50	-	100
STATISTICS	CO-6608	Essential Statistics	50	50	--	100	STATISTICS	CO-8608	GROUP WORK	50	50	-	100
PHYSICS	CO-6609	Nanoscience & Nanotechnology	50	50	--	100	PHYSICS	CO-8609	GROUP WORK	50	50	-	100
BOTANY	CO-6610	Disaster Management	50	50	--	100	BOTANY	CO-8610	GROUP WORK	50	50	-	100
MICROBIOLOGY	CO-6611	Food Quality Testing	50	50	--	100	MICROBIOLOGY	CO-8611	GROUP WORK	50	50	-	100
ENGLISH	CO-6612	Fundamentals of English Language Skills	50	50	--	100	ENGLISH	CO-8612	GROUP WORK	50	50	-	100
HINDI	CO-6613	Kosh Vigyan	50	50	--	100	HINDI	CO-8613	N.A.	50	50	-	100
ECONOMICS	CO-6614	Basic Economics	50	50	--	100	ECONOMICS	CO-8614	GROUP WORK	50	50	-	100
GENETICS & PLANT BREEDING	CO-6615	Plant Physiology	50	50	--	100	GENETICS & PLANT BREEDING	CO-8615	GROUP WORK	50	50	-	100
SOCIOLOGY	CO-6616	Society and Culture in India	50	50	--	100	SOCIOLOGY	CO-8616	Tribes in India	50	50	-	100
POLITICAL SCIENCE	CO-6617	Constitution of India	50	50	--	100	POLITICAL SCIENCE	CO-8617	Project/Viva	50	50	-	100
COMMERCE	CO-6618	An Introduction to the Business World	50	50	--	100	COMMERCE	CO-8618	Financial Planning for a Common Man	50	50	--	100
Entomology	CO-6619	Organic Farming	50	50	--	100	SANSKRIT	CO-8619	GROUP WORK	50	50	--	100
Plant Pathology	CO-6620	Principles of Nematology	50	50	--	100							
SANSKRIT	CO-6621	Political Thought in Sanskrit Literature	50	50	--	100							
BIOTECH	CO-6622	Trends in Biotechnology	50	50	--	100							

C.C.S. University, Meerut			M.A. – Economics (006)				Campus CBCS Code List 2020–21						
IInd Semester (Jun-2021)						IVth Semester (Jun-2021)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2506	Micro Economics-II	50	50	-	100	XIII	CG-4506	International Economics	50	50	-	100
VI	CG-2507	Macro Economics-II	50	50	-	100	XIV	CG-4507	Indian Public Finance	50	50	-	100
VII	CG-2508	Economics of Growth	50	50	-	100	XV	CG-4508	Financial Institution & Markets	50	50	-	100
VIII	CG-6506	Any One: - Elementary Mathematics for Economics Analysis	50	50	-	100	XVI	CG-8506 CG-8507 CG-8508 CG-8509	Any One: - Econometrics Labour Economics Economics of Law International Economic Institutions	50	50	-	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

C.C.S. University, Meerut	M.A. – English (012)	Campus CBCS Code List 2020–21
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IIInd Semester (Jun-2021)	IVth Semester (Jun-2021)
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Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2512	Romantic Literature	50	50	-	100	XIII	CG-4512	Indian Literature in English (Poetry and Drama)	50	50	-	100
VI	CG-2513	Victorian Poetry	50	50	-	100	XIV	CG-4513	Indian Literature in English (Fiction and Prose)	50	50	-	100
VII	CG-2514	English Linguistics and Phonetics	50	50	-	100	XV	CG-4514	New Literatures in English	50	50	-	100
VIII	CG-2515 CG-2516	<u>Optional Paper (One of the following):</u> - (a) American Literature (b) Australian Literature	50	50	-	100	XVI	CG-4515 CG-4516	<u>Optional Paper (One of the following):</u> - (a) Modern Literary Criticism (b) Literary Theories (Application)	50	50	-	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

Note: CG-4515, 2516 is not applicable

C.C.S. University, Meerut			M.A. – Hindi (025)				Campus CBCS Code List 2020–21						
IInd Semester (Jun-2021)						IVth Semester (Jun-2021)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2525	Uttar Madhya Kaleen Kavya	50	50	--	100	XIII	CG-4525	Chhayavodottar Kayva	50	50	--	100
VI	CG-2526	Katha Sahitya	50	50	--	100	XIV	CG-4526	Paaschatiya Kavyashastra	50	50	--	100
VII	CG-2527	Kathettar Gadhya Sahitya	50	50	--	100	XV	CG-4527 CG-4528 CG-4529 CG-4530	Vishistha Sahitya-Dhara (Any one of the following: - (a)Bhartiya Sahitya (b)Korvi Lok Sahitya (c)Pravashi Hindi Sahitya (d)Prachin Bhasha Sahitya: - (i) Sanskrit Or (ii) Prakarat Apbhrunsh	50	50	--	100
VIII	CG-2528	Bhasha Vigyan Evam Hindi Bhasha	50	50	--	100	XVI	CG-4531	Hindi Criticism	50	50	--	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

C.C.S. University, Meerut	M.A. – History (037)	Campus CBCS Code List 2020–21
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IIInd Semester (Jun-2021) w.e.f. 2019-20							IVth Semester (Jun-2021) w.e.f. 2020-21						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2537	Socio-Economic and Cultural History of Ancient India (From Earliest Times to 1200 A.D.)	50	50	--	100	XIII	CG-4537	History of South India (From Sangam Age to Vijay Nagar Empire)	50	50	--	100
VI	CG-2538	History of Medieval India (Till 1526 AD)	50	50	--	100	XIV	CG-4538	Research Methodology	50	50	--	100
VII	CG-2539	History of Medieval India (1526-1707 AD)	50	50	--	100	XV	CG-4539	History of Modern World (1920-1960)	50	50	--	100
VIII	CG-2540	History of Modern India (1707-1885 AD)	50	50	--	100	XVI	CG-4540	History of Modern Europe(1789-1919)	50	50	--	100
		--	--	--	--	--	XVII	CG-4541	--	50	50	--	100
		--	--	--	--	--	XVIII	CG-4542	--	50	50	--	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

C.C.S. University, Meerut			M.A. – Mathematics (049)				Campus CBCS Code List 2020–21								
IInd Semester (Jun-2021)							IVth Semester (Jun-2021)								
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks					
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total		
V	CG-2549	Topology	50	50	--	100	XIII	CG-4549	Number Theory	50	50	--	100		
VI	CG-2550	Measure and Integration (Old) Complex Analysis (New)	50	50	--	100	XIV	CG-4550	Fluid Dynamics	50	50	--	100		
VII	CG-2551	Advanced Discrete Mathematics	50	50	--	100	XV	CG-4552 CG-4553 CG-4554 CG-4555	Core-Elective (Any one of the following) (I) Functional Analysis (II) Information Theory (III) Mathematical Cryptography (IV) Algebraic Topology	50	50	--	100		
VIII	CG-2552	Operations Research (New & Old)	50	50	--	100	XVI		CG-4556 CG-4557 CG-4558 CG-4559	Core-Elective (Any one of the following) (I) Differential Geometry (II) Plasma Dynamics b. Lattice Theory (III) File Structure And Database Management System (IV) Fuzzy Sets and its Applications	50	50	--	100	
		Open elective	50	50	--	100					Open elective	50	50	--	100

Note: CG-4557 ~~Plasma Dynamics~~ is not applicable

C.C.S. University, Meerut	M.A. – Political Science (070)	Campus CBCS Code List 2020–21
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IInd Semester (New Course w.e.f. 2019-20)	IVth Semester (New Course w.e.f. 2020-21)
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Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2570(Old)	Political Sociology	50	50	--	100	XIII	CG-4570(Old)	Concept and Issues in Political Science	50	50	--	100
	CG-2570(New)	Administrative Theory	50	50	--	100		CG-4570(New)	Modern Indian Political Thought	50	50	--	100
VI	CG-2571(Old)	Political thinking Since Marx.	50	50	--	100	XIV	CG-4571(Old)	Post Cold War International Politics	50	50	--	100
	CG-2571(New)	Ancient Indian Political Thought	50	50	--	100		CG-4571(New)	India and the World	50	50	--	100
VII	CG-2572(Old)	Comparative Politics	50	50	--	100	XV	CG-4572(Old)	State Politics with Special Reference to U.P.	50	50	--	100
	CG-2572(New)	Contemporary Political Theory	50	50	--	100		CG-4572(New)	Local Governance in India	50	50	--	100
VIII	CG-2573(Old)	Indian Constitutional System	50	50	--	100	XVI	CG-4573(Old)	Indian Administration	50	50	--	100
	CG-2573(New)	Research Methodology	50	50	--	100		CG-4573(New)	Human Rights	50	50	--	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

C.C.S. University, Meerut	M.A. – Urdu (062)	Campus CBCS Code List 2020–21
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IInd Semester (Jun-2021)							IVth Semester (Jun-2021)						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2562	Urdu Ghazal	50	50	--	100	XIII	CG-4562	Composite Tradition of Urdu & Hindi Literature	50	50	--	100
VI	CG-2563	Urdu Fiction	50	50	--	100	XIV	CG-4563	Modern Literature	50	50	--	100
VII	CG-2564	Non- Fictional Prose	50	50	--	100	XV	CG-4564 CG-4565	Optional A: Script Writing and Translation B: Essay and Translation	50	50	--	100
VIII	CG-2565	Folk Literature	50	50	--	100	XVI	CG-4566	Classical Literature	50	50	--	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

C.C.S. University, Meerut	M.A. – Psychology (077)	Campus CBCS Code List 2020–21
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IIInd Semester (New Course w.e.f. 2019-20)	IVth Semester (New Course w.e.f. 2020-21)
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Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2577(Old)	Cognitive Psychology	40	40	--	80	XIII	CG-4577(Old)	Clinical Psychology	40	40	--	80
	CG-2577(New)	Cognitive Psychology					XIV	CG-4578(Old)	Para Psychology	40	40	--	80
VI	CG-2578(Old)	Fundamentals of Psychometry	40	40	--	80	XV	CG-4579(Old)	Industrial and Organizational Psychology	40	40	--	80
	CG-2578(New)	Systems of Psychology					XVI	CG-4580(Old)	Forensic Psychology	40	40	--	80
VII	CG-2579(Old)	Theories of Personality	40	40	--	80		CG-4577(New)	Psychometrics	40	40	--	80
	CG-2579(New)	Social Psychology							Any Three of the following				
VIII	CG-2580(Old)	Guidance and Counselling	40	40	--	80		CG-4578(a)(New)	Managing Behaviour in Organizations	40	40	--	80
	CG-2580(New)	Inferential Statistics in Psychology						CG-4578(b)(New)	Forensic and Criminal Psychology	40	40	--	80
								CG-4578(c)(New)	Health Psychology	40	40	--	80
								CG-4578(d)(New)	Counseling Psychology	40	40	--	80
								CG-4578(e)(New)	The Psychology of Ageing	40	40	--	80
								CG-4578(f)(New)	Educational Psychology	40	40	--	80
								CG-4578(g)(New)	Techniques of Counselling and Psychotherapy	40	40	--	80
								CG-4578(h)(New)	Psychology for National Development	40	40	--	80
								CG-4578(i)(New)	Human Resource Development and Consulting	40	40	--	80
		Open elective	50	50	-	100			Open elective	50	50	-	100
	CG-677	Practical	--	--	80	80		CG-877	Practical	--	--	80	80

C.C.S. University, Meerut	M.A. – Sociology (087)	Campus CBCS Code List 2020–21
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IInd Semester (Jun-2021)	IVth Semester (Jun-2021)
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Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CG-2587	Basic Statistics & Computer Application in Social Research	50	50	--	100	XIII	CG-4587	Society in India	50	50	--	100
VI	CG-2588	Neo-Classical Theories	50	50	--	100	XIV	CG-4588	Perspectives on Indian Society	50	50	--	100
VII	CG-2589	Social Change: Concepts and Theories	50	50	--	100	XV	CG-4589	Classification in Sociology	50	50	--	100
VIII	CG-2590	Rural Studies	50	50	--	100	XVI		Core elective / Optional Courses (any one): -	50	50	--	100
								CG-4590	Participatory Management in Community Development				
								CG-4591	Political Sociology				
								CG-4592	Rural Industrialization and Entrepreneurship				
								CG-4593	Sociology of Disasters and Disaster Planning				
								CG-4594	Human Resource Development				
								CG-8587	Sociology of Development				
								CG-8588	Environmental Sociology				
								CG-8589	State, Society & Human Rights				
								CG-8590	Globalization and Society				
								CG-8591	Urban Studies				
								CG-8592	Sociology of Organization				
								CG-8593	Social Stratification				
								CG-8594	Career of a Concept				
								CG-9587	Sociology of Science				
								CG-9588	Peace and Conflict Studies				
								CG-9589	Sociology of Social Movements				
								CG-9590	Sociology of Religion				
								CG-9591	Medical Sociology				
								CG-9592	Sociology of India				
		Open elective	50	50	--	100			Open elective	50	50	--	100

Note: Only CG-4591(Political Sociology) is applicable in Core elective / Optional Courses

C.C.S. University, Meerut			M.Sc. – Botany (001)				Campus CBCS Code List 2020–21						
IIInd Semester (Jun-2021)							IVth Semester (Jun-2021)						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2501	Mycology and Elementary Plant Pathology	40	40	--	80			Core Elective courses (Set of two courses each for specialization)				
VI	CH-2502	Pteridophytes, Gymnosperms and Palaeobotany	40	40	--	80	XIII XIV	CH-4501 CH-4502	C.E.T.-I Plant Biotechnology A. Recombinant DNA technology A. Plant Tissue Culture	40	40	--	80
VII	CH-2503	Molecular Biology and Biotechnology	40	40	--	80	XV XVI	CH-4503 CH-4504	C.E.T.-II Microbial and Environmental Biotechnology B. Microbial Biotechnology B. Environmental Biotechnology	40	40	--	80
VIII	CH-2504	Cell Biology & Genetics	40	40	--	80		CH-4505 CH-4506	C.E.T.-III Applied and Stress Physiology C. Stress Physiology of Plants C. Applied Plant Physiology	40	40	--	80
								CH-8501 CH-8502	C.E.T.-IV Medicinal Botany D. Pharmacognosy D. Post- Harvest Technology of medicinal Plants	40	40	--	80
								CH-8503 CH-8504	C.E.T.-V Biodiversity and Conservation E. Plant Genetic Resources and Economic Botany E. Biodiversity Conservation and Plant Resources	40	40	--	80
								CH-8505 CH-8506	C.E.T.-V Applied Plant Pathology F. Applied Mycology F. Molecular Plant Pathology	40	40	--	80
								CH-8507 CH-8508	C.E.T.-VI Computer Science, Bioinformatics & Genomics G. Elementary Computer Knowledge & Bioinformatics G. Genomics for Plant Improvement	40	40	--	80
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CH-601	Practical II- Based on Courses V-VIII	--	--	80	80		CH-801	Practical	--	--	80	80

Note: CH-4503,4504,8505,8506 are applicable in Core Elective courses

C.C.S. University, Meerut			M.Sc. – Chemistry (007)				Campus CBCS Code List 2020–21						
IInd Semester (Jun-2021)							IVth Semester (Jun-2021)						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2507	Inorganic Chemistry II	40	40	--	80	XIII	CH-4507	Environmental Chemistry	40	40	--	80
VI	CH-2508	Organic Chemistry II	40	40	--	80		CH-4508	Inorganic Chemistry Special I	40	40	--	80
								CH-4509	Inorganic Chemistry Special II				
								CH-4510	Inorganic Chemistry Special III (Advanced Inorganic Chem)				
								CH-4511	Inorganic Chemistry Special IV (Advance Spectral Technique)				
								CH-4512	Inorganic Chemistry Special V (Chemistry of Materials)				
VII	CH-2509	Physical Chemistry II	40	40	--	80		CH-4513	Organic Chemistry Special I (Organic Synthesis)	40	40	--	80
								CH-4514	Organic Chemistry Special II (Medicinal Chemistry)				
								CH-4515	Organic Chemistry Special III (Polymers)				
								CH-4516	Organic Chemistry Special IV (Chemistry of Natural produce)				
								CH-4517	Organic Chemistry Special V (Heterocyclic Chemistry)				
VIII	CH-2510	Group Theory Spectroscopy and Diffraction Method and Solid State	40	40	--	80		CH-4518	Physical Chemistry Special I (Solid State Chemistry)	40	40	--	80
								CH-4519	Physical Chemistry Special II (Advanced Quantum Chemistry)				
								CH-4520	Physical Chemistry Special III (Liquid State)				
								CH-4521	Physical Chemistry Special IV (Physical Chemistry of Inorganic Reaction)				
								CH-4522	Physical Chemistry Special V (Computational Chemistry)				
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CH-607	Practical	--	--	80	80		CH-807	Practical	--	--	80	80

Note: CH-4507,4513,4514,4515 are applicable

C.C.S. University, Meerut	M.Sc. – Physics (027)	Campus CBCS Code List 2020–21
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IIInd Semester (Jun-2021)	IVth Semester (Jun-2021)
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Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2527	Quantum Mechanics-II	40	40	--	80	XIII	CH-4527	Computational Methods and Programming	40	40	--	80
VI	CH-2528	Statistical Mechanics	40	40	--	80	XIV	CH-4528	Physics of Nano Materials	40	40	--	80
VII	CH-2529	Electrodynamics & Plasma Physics	40	40	--	80	XV	CH-8527	Special Paper-III: Electronics	40	40	--	80
VIII	CH-2530	Atomic and Molecular Physics	40	40	--	80	XVI	CH-8530	Special Paper-IV: Electronics	40	40	--	80
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CH-627	Practical	--	--	80	80		CH-827	Practical	--	--	80	80

C.C.S. University, Meerut				M.Sc. – Statistics (032)				Campus CBCS Code List 2020–21					
IIInd Semester (Jun-2021)							IVth Semester (Jun-2021)						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2532	Linear Estimation and Design of Experiments	35	35	--	70	XIII	CH-4532	Multivariate Statistical Analysis	35	35	--	70
VI	CH-2533	Theory of Estimation and Testing of Hypothesis	35	35	--	70	XIV	CH-4533	Time Series Analysis and Propulation Studies	35	35	--	70
VII	CH-2534	Theory of Matrices, Quadratic forms and Linear Difference Equations	50	50	--	100	XV	CH-4534	Advanced Operations Research	50	50	--	100
VIII	CH-2535 CH-2536	<u>Any one of the following:</u> (a) Real & Complex Analysis (b) Stochastic Process & Survival Analysis	50	50	--	100	XVI	CH-4535 CH-4536 CH-4537	<u>Any one of the following:</u> (a) Statistical Programming using R-Language (b) Information Theory (c) Econometrics	50	50	--	100
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CH-632	Practical	--	--	60	60		CH-832	Practical	--	--	60	60

Note: CH-2535,4535 are applicable

C.C.S. University, Meerut	M.Sc. – Mathematics (049)	Campus CBCS Code List 2020–21
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IIInd Semester (Jun-2021)	IVth Semester (Jun-2021)
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Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2549	Topology	50	50	--	100	XIII	CH-4549	Number Theory	50	50	--	100
VI	CH-2550	Measure and Integration (Old) Complex Analysis (New)	50	50	--	100	XIV	CH-4550	Fluid Dynamics	50	50	--	100
VII	CH-2551	Advanced Discrete Mathematics	50	50	--	100	XV	CH-4552 CH-4553 CH-4554 CH-4555	Core-Elective (Any one of the following) (I) Functional Analysis (II) Information Theory (III) Mathematical Cryptography (IV) Algebraic Topology	50	50	--	100
VIII	CH-2552	Operations Research (New & Old)	50	50	--	100	XVI	CH-4556 CH-4557 CH-4558 CH-4559	Core-Elective (Any one of the following) (I) Differential Geomentry (II) Plasma Dynamics b. Lattice Theory (III) File Structure And Database Management System (IV) Fuzzy Sets and its Applications	50	50	--	100
		Open elective	50	50	--	100			Open elective	50	50	--	100

Note:CG-4557 ~~Plasma Dynamics~~ is not applicable

C.C.S. University, Meerut			M.Sc. – Zoology (062)				Campus CBCS Code List 2020–21						
IIInd Semester (Jun-2021)						IVth Semester (Jun-2021)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2562	Genetics & Biostatistics	40	40	-	80			Specialization: (Any one group of the following)				
VI	CH-2563	Biotechnology and Bio-informatics	40	40	-	80			Group- 'A' (Parasitology)				
VII	CH-2564	Mammalian Physiology	40	40	-	80	XIII	CH-4562	Biology of Parasites – I (Protozoa, Trematoda and Cestoda)	40	40	-	80
VIII	CH-2565	Bio-Chemistry	40	40	-	80	XIV	CH-4563	Biology of Parasites – II (Nematoda and Arthropoda)	40	40	-	80
		Practical Based on Course(V-VIII)	-	-	80	80	XV	CH-4564	Physiology and Biochemistry of Parasites	40	40	-	80
							XVI	CH-4565	Immunoparasitology	40	40	-	80
									Practical based on I-IV (20 marks each)			80	80
									Open Elective IV	--	100	--	100
									Group- 'B' (Fish & Fisheries)				
							XIII	CH-4566	General Fish Biology	40	40	-	80
							XIV	CH-4567	Morphology and physiology of Fishes	40	40	-	80
							XV	CH-4568	Fish Culture and Limnology	40	40	-	80
							XVI	CH-4569	Applied Fisheries	40	40	-	80
									Practical based on I-IV (20 marks each)			80	80
									Open Elective-IV	--	100	--	100
									Group- 'C' (Endocrinology)				
							XIII	CH-4570	General Endocrinology	40	40	-	80
							XIV	CH-4571	Neuro Endocrinology	40	40	-	80
							XV	CH-4572	Vertebrate Endocrinology	40	40	-	80
							XVI	CH-4573	Reproductive Physiology	40	40	-	80
									Practical based on I-IV (20 marks each)			80	80
									Open Elective-IV	--	100	--	100
									Group- 'D' (Cytology & Cytogenetics)				
							XIII	CH-4574	Advanced Cell Biology	40	40	-	80
							XIV	CH-4575	Chromosome and Genomic organization	40	40	-	80
							XV	CH-4576	Genomic analysis and immunogenetics	40	40	-	80
							XVI	CH-4577	Human and Microbial cytogenetics and molecular biology	40	40	-	80

C.C.S. University, Meerut			M.Sc. – TOXICOLOGY				Campus CBCS Code List 2020–21						
IInd Semester (Jun-2021)						IVth Semester (Jun-2021)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2582	Immunotoxicology	40	40	-	80	XIII	CH-4582	Tools & Techniques in Toxicology	40	40	-	80
VI	CH-2583	Biochemical Toxicology	40	40	-	80	XIV	CH-4583	Applied toxicology	40	40	-	80
VII	CH-2584(Old)	Toxicants & Carcinogenesis	40	40	-	80	XV	CH-4584	Occupational and industrial toxicology	40	40	-	80
	CH-2584(New)	Mutagenesis and Carcinogenesis	40	40	-	80		CH-4585	Experimental Design & Biostatistics	40	40	-	80
VIII	CH-2585	Forensic Toxicology	40	40	-	80	XVI						
		Open Elective-II	50	50	--	100			Open Elective – IV	50	50	--	100
	CH-682	Practicals based on VI-IX	--	--	80	80		CH-882	Practicals based on XVI-XIX	--	--	80	80

C.C.S. University, Meerut				M.Sc. – Microbiology				Campus CBCS Code List 2020–21					
IIInd Semester (Jun-2021)						IVth Semester (Jun-2021)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CH-2591	Microbial Growth and Physiological Diversity	40	40	-	80	XIII	CH-4591	Microbial Technology – I (Immunodiagnosics)	40	40	-	80
VI	CH-2592	Microbial Genetics, Molecular Biology and RDT	40	40	-	80	XIV	CH-4592	Microbial Technology – II (Products & Process Development)	40	40	-	80
VII	CH-2593	Microbes and Agriculture	40	40	-	80	XV	CH-4593	Microbial Technology – III (Environmental Conservation & Management)	40	40	-	80
VIII	CH-2594	Environmental Microbiology	40	40	-	80	XVI	CH-4594	Microbial Technology – IV (Agricultural Management)	40	40	-	80
		Open Elective	50	50	--	100			Open Elective	50	50	--	100
	CH-691	Practical	--	--	80	80		CH-891	Practical	--	--	80	80

C.C.S. University, Meerut			M.Sc. – Agriculture (Genetics & Plant Breeding)				Campus CBCS Code List 2020–21						
IInd Semester (Jun-2021)							IVth Semester (Jun-2021)						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CJ-2521	Plant Genetic Resources: Conservation and Sustainable Use	40	40	20	100	XV	CJ-4521	Advanced Genetics	40	40	20	100
VI	CJ-2522	Breeding for Biotic Stress	40	40	20	100	XVI	CJ-4522	Molecular Basis of Quantitative Inheritance	40	40	20	100
VII	CJ-2523	Molecular Genetics	40	40	20	100	XVII	CJ-4523	Principles and Practices of Seed Production	40	40	20	100
VIII	CJ-2524	Computer Applications and Bioinformatics	40	40	20	100	XVIII	CJ-4524	Genomics, Transcriptomics and Proteomics	40	40	20	100
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CJ-621	Practical	--	--	80	80		CJ-821	Practical	--	--	80	80

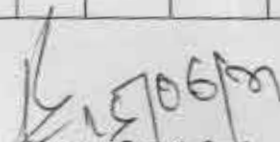
C.C.S. University, Meerut			M.Sc. – Agriculture (Entomology)				Campus CBCS Code List 2020–21						
IIInd Semester (w.e.f. 2019-20)						IVth Semester (w.e.f. 2020-21)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CJ-2525	Insect Anatomy Physiology and Nutrition	40	40	20	100	XIII	CJ-4525	Plant Quarantine	40	40	20	100
VI	CJ-2526	Pests of Field Crops & their Management	40	40	20	100	XVI	CJ-4526	Storage Entomology	40	40	20	100
VII	CJ-2527	Biological Control of Crop Pests and Weeds	40	40	20	100							
VIII	CJ-2528	Insect Ecology	40	40	20	100							
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CJ-625	Practical	--	--	80	80		CJ-825	Practical	--	--	80	80
								CJ-825	Thesis and Viva-voce	--	--	80	80

C.C.S. University, Meerut			M.Sc. – Agriculture (Plant Pathology)				Campus CBCS Code List 2020–21						
IIInd Semester (w.e.f. 2019-20)						IVth Semester (w.e.f. 2020-21)							
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
V	CJ-2531	Plant Virology	40	40	20	100	XIII	CJ-4531	Plant Quarantine	40	40	20	100
VI	CJ-2532	Diseases of Field, Vegetables and Medicinal Crops	40	40	20	100	XIV	CJ-4532	Principles of Plant Disease Management	40	40	20	100
VII	CJ-2533	Biological Control of Plant Diseases	40	40	20	100							
VIII	CJ-2534	Seed Health Technology	40	40	20	100							
		Open elective	50	50	--	100			Open elective	50	50	--	100
	CJ-631	Practical	--	--	80	80		CJ-831	Practical	--	--	80	80
								CJ-831	Thesis and Viva-voce	--	--	80	80

C.C.S. University, Meerut			M.Com.				Campus CBCS Code List 2020-21						
IIInd Semester (Jun-2021)							IVth Semester (Start Jun-2021)						
Course	Code No.	Title of the Paper	Marks				Course	Code No.	Title of the Paper	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
VI	CI-2501	Marketing Management	50	50	--	100	XIV	CI-4501	Corporate Governance and Ethics	50	50	--	100
VII	CI-2502	Corporate Accounting	50	50	--	100	XV		Elective Group- Any one Group (Both Papers)				
VIII	CI-2503	Indirect Taxes- Law And Practice	50	50	--	100	XVI		Group A- Finance Group				
IX	CI-2504	Economics for Business Decision	50	50	--	100	XVII	CI-4502	Security Laws and Capital Market	50	50	--	100
		Open elective	50	50	--	100		CI-4503	Securities Analysis and Portfolio Management	50	50	--	100
									Group B- Marketing Group				
								CI-4504	Consumer Behavior	50	50	--	100
								CI-4505	Marketing of Services	50	50	--	100
									Group C- Human Resources Group				
								CI-4506	Industrial Relations and Labour Laws	50	50	--	100
								CI-4507	Organization Development	50	50	--	100
									Open elective	50	50	--	100

C.C.S. University, Meerut	M.Sc. – Biotechnology	Campus CBCS Code List 2020 – 21
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IIInd Semester(Jun-2021) (w.e.f. 2020-2021)							IVth Semester(Jun-2022)						
Course	Code No.	Title of the Paper	Marks										
			Int.	Ext.	Pract.	Total							
	CH-2595	Cytogenetics and Molecular Genetics	40	40	20	100							
	CH-2596	Fundamentals of Biochemistry	40	40	20	100							
	CH-2597	Recombinant DNA Technology and Genetic Engineering	40	40	20	100							
	CH-2595	Computer Applications and Bioinformatics	40	40	20	100							
		Open elective: Trends in Biotechnology	--	100	--	100							
	CH-695	Practical	--	--	80	80							


 सहाय कुलसचिव (परीक्षा)