



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

पत्रांक : परीक्षा / 7461
दिनांक : 07.01.2023

सेवा में,

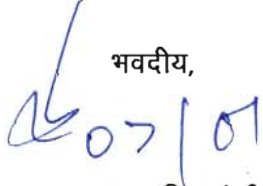
विभागाध्यक्ष / निदेशक / समन्वयक,
चौधरी चरण सिंह विश्वविद्यालय परिसर,
मेरठ।

विषय: विश्वविद्यालय परिसर की सत्र 2022-23 की विश्व सेमेस्टर परीक्षा दिसम्बर-2022 की च्वाईस बेस्ड क्रेडिट सिस्टम (सी0बी0सी0एस0) आधारित प्रथम एवं तृतीय सेमेस्टर्स की विशय कोड पुस्तिका के सम्बन्ध में।

महोदय / महोदया,

आपको अवगत कराना है कि विश्वविद्यालय परिसर की सत्र 2022-23 की विश्व सेमेस्टर परीक्षा दिसम्बर-2022 की च्वाईस बेस्ड क्रेडिट सिस्टम (सी0बी0सी0एस0) आधारित प्रथम एवं तृतीय सेमेस्टर्स की विशय कोड पुस्तिका तैयार की जा चुकी है। उक्त विशय कोड पुस्तिका विश्वविद्यालय वेबसाईट www.ccsuniversity.ac.in पर इस आशय के साथ उपलब्ध करायी जा रही है, कि सन्दर्भित विशय कोड पुस्तिका में यदि कोई संशोधन पाया जाता है तो शीघ्र परीक्षा विभाग को संशोधन सहित उपलब्ध एवं अवगत कराने का कष्ट करें।

अतः उक्त के सम्बन्ध में आपसे ^{अनुमति} अनुरोध है कि कृपया आप विशय कोड पुस्तिका को उपरोक्त सन्दर्भित वेबसाईट से डाउनलोड कर अपने विभाग में अध्ययनरत समस्त छात्र/छात्राओं को अपने स्तर पर, व्यापक रूप से, अवगत कराया जाना सुनिश्चित करने का कष्ट करें।

भवदीय,

सहा0 कुलसचिव (परीक्षा)

INDEX

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

CAMPUS CBCS Code List: DEC-2022(2022-23)

Sl. No.	Name of Examination	Page No.	Name of Examination	Page No.
	OPEN ELECTIVE PAPERS			<u>1</u>
1	Faculty of Arts: M.A. Sem. I & III (CBCS)			
	(i) Economics	<u>2</u>	(vi) Urdu	<u>7</u>
	(ii) English	<u>3</u>	(vii) Political Science	<u>8</u>
	(iii) Hindi	<u>4</u>	(viii) Psychology	<u>9</u>
	(iv) History	<u>5</u>	(ix) Sanskrit	<u>10</u>
	(v) Mathematics	<u>6</u>	(x) Sociology	<u>11</u>
2	Faculty of Science: M.Sc. Sem. I & III (CBCS)			
	(i) Botany	<u>12</u>	(vi) Zoology	<u>17</u>
	(ii) Chemistry	<u>13</u>	(vii) Toxicology	<u>18</u>
	(iii) Physics	<u>14</u>	(viii) Microbiology	<u>19</u>
	(iv) Statistics	<u>15</u>	(ix) Biotechnology	<u>20</u>
	(v) Mathematics	<u>16</u>	(x) Environmental Science	<u>21</u>
3	Faculty of Agriculture: M.Sc. (AG.) Sem. I & III (CBCS)			
	(i) Genetics & Plant Breeding			<u>22</u>
	(ii) Entomology			<u>23</u>
	(iii) Plant Pathology			<u>24</u>
	(iv) Horticulture			<u>25</u>
4	Faculty of Commerce: M.Com. Sem. I & III (CBCS)			<u>26</u>

C.C.S. University, Meerut			OPEN ELECTIVE				Campus CBCS Code List DEC-2022(2022–23)						
Ist Semester						IIIrd Semester							
Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
	Any Two Optional Paper						Any One Optional Paper						
	Hindi (Samanya Hindi)	CO-5601	--	100	--	100	HISTORY	Indian Culture and Heritage	CO-7601	50	50	--	100
	Basic Concepts of English Writing	CO-5602	--	100	--	100	URDU	Mass Media (Script Writing)	CO-7602	50	50	--	100
	Aasan Urdu	CO-5603	--	100	--	100	PSYCHOLOGY	Psychology in Everyday Life	CO-7603	50	50	--	100
	Basic Science	CO-5604	--	100	--	100	CHEMISTRY	Chemistry of Life-II	CO-7604	50	50	--	100
	Basic Social Science	CO-5605	--	100	--	100	MATHEMATICS	Fundamental Calculus	CO-7605	50	50	--	100
	Law	CO-5606	--	100	--	100	ZOOLOGY	Wild Life and Conservation	CO-7606	50	50	--	100
	Basic of Commerce	CO-5607	--	100	--	100	TOXICOLOGY	Forensic Science	CO-7607	50	50	--	100
	Vyavaharik-Sanskritam	CO-5608	--	100	--	100	STATISTICS	Applied Statistics	CO-7608	50	50	--	100
							PHYSICS	Earth's Atmosphere and Solar System	CO-7609	50	50	--	100
							BOTANY	Environmental Awareness	CO-7610	50	50	--	100
							MICROBIOLOGY	Public Health and Hygiene	CO-7611	50	50	--	100
							ENGLISH	Translation and Transformation	CO-7612	50	50	--	100
							HINDI	Anuwad	CO-7613	50	50	--	100
							ECONOMICS	Indian Economy	CO-7614	50	50	--	100
							GENETICS & PLANT BREEDING	Global Food & Nutritional Security	CO-7615	50	50	--	100
							SOCIOLOGY	Social Problems in India	CO-7616	50	50	--	100
							POLITICAL SCIENCE	Democracy in India	CO-7617	50	50	--	100
							M.Com.	Ethics, Governance and Social Responsibility of Business	CO-7618	50	50	--	100
							ENTOMOLOGY	Commercial Entomology	CO-7619	50	50	--	100
							PLANT PATHOLOGY	Integrated Disease Management	CO-7620	50	50	--	100
							SANSKRIT	Sanskrit Vangmay Me Pratipadit Sabhyata Evam Sanskriti	CO-7621	50	50	--	100
							Biotechnology	Environmental Biotechnology	CO-7622	50	50	--	100
							Environmental Science	Disaster Risk Redution and Management	CO-7623	50	50	--	100

C.C.S. University, Meerut			M.A. – Economics (006)				Campus CBCS Code List DEC-2022(2022–23)						
Ist Semester						IIIrd Semester							
Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Micro Economics-I	CG-1506	50	50	-	100	IX	Public Finance	CG-3506	50	50	-	100
II	Macro Economics-I	CG-1507	50	50	-	100	X	Economics of Development & Planning	CG-3507	50	50	-	100
III	Statistical Methods for Economic Analysis	CG-1508	50	50	-	100	XI	Indian Economic Policy	CG-3508	50	50	-	100
IV	Any One: -						XII	Any One: -		50	50	-	100
	Computer Application in Economic Analysis	CG-1509	30	--	70	100		Industrial Economics	CG-7506				
	Demography	CG-1510	50	50	--	100		Agricultural Economics	CG-7507				
	Regional Economics	CG-1511	50	50	--	100		Economics of health & Education	CG-7508				
	History of Economic Thought	CG-9501	50	50	--	100	Economics of Insurance	CG-7509					
	Open elective		-	100	-	100	Open elective			50	50	--	100

C.C.S. University, Meerut	M.A. – English (012)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Chaucer to Milton	CG-1512	50	50	-	100	IX	Victorian Fiction and Prose	CG-3512	50	50	-	100
II	Restoration to 1798	CG-1513	50	50	-	100	X	Twentieth Century British Poetry	CG-3513	50	50	-	100
III	Shakespeare	CG-1514	50	50	-	100	XI	Twentieth Century British Fiction and Drama	CG-3514	50	50	-	100
IV	<u>Optional Paper (One of the following):</u> - (a) Fundamentals of Literary Criticism (b) Literature and Theatre	CG-1515	50	50	-	100	XII	<u>Optional Paper (One of the following):</u> - (a) English Language Teaching (b) Translation Studies	CG-3515	50	50	-	100
		CG-1516							CG-3516				
	Open elective		-	100	-	100		Open elective		50	50	--	100

C.C.S. University, Meerut	M.A. – Hindi (025)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Hindi Sahitya Ka Itihas	CG-1525	50	50	--	100	IX	Adhunik Kavya (Chhayavad Pariyant)	CG-3525	50	50	--	100
II	Prachin Evam Purva Madhya Kaleen Kavya	CG-1526	50	50	--	100	X	Bhartiya Kavyashastra	CG-3526	50	50	--	100
III	Natak Evam Rangmunch	CG-1527	50	50	--	100	XI	<u>Vishistha Rachnakar:</u> (i) Kabirdas (ii) Soordas (iii) Goswami Tulsidas (iv) Jai Shankar Prasad (v) Munsii Prem Chand (vi) Sachhidanand Heeranand Vatsayayan "Anjeya"	CG-3527 CG-7525 CG-7526 CG-7527 CG-7528 CG-7529	50	50	--	100
IV	Prayojan Mulak Hindi	CG-1528	50	50	--	100	XII	Patrakarita – Prashikshan	CG-3528	50	50	--	100
	Open elective		-	100	-	100		Open elective		50	50	--	100

Note:- CG-3527,7525,7526,7527,7529 are not applicable

C.C.S. University, Meerut	M.A. – History (037)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester (w.e.f. 2019-20)	IIIrd Semester (w.e.f. 2020-21)
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Historiography: Concepts, Methods, Approaches and Tools	CG-1537	50	50	--	100	IX	History of Medieval India (Till 1526 A.D.)	CG-3537(Old)	50	50	--	100
II	History of Ancient India (From Earliest Times to Post Harappan Settlement)	CG-1538	50	50	--	100		History of Modern India (Till 1885-1950 A.D.)	CG-3537(New)	50	50	--	100
III	History of Ancient India (From Vedic Age to Mauryan Kingdom)	CG-1539	50	50	--	100	X	History of Medieval India (1526-1707 A.D.)	CG-3538(Old)	50	50	--	100
IV	History of Ancient India (From Shunga Dynasty to Rajput Era)	CG-1540	50	50	--	100		Achaeology of Ancient Indian History	CG-3538(New)	50	50	--	100
	Open elective		-	100	-	100	XI	History of Modern India (1707-1885 A.D.)	CG-3539(Old)	50	50	--	100
								Economic History of British India (1757-1950)	CG-3539(New)	50	50	--	100
								History of Modern India (1885-1950 A.D.)	CG-3540(Old)	50	50	--	100
							XII	Tourism in India	CG-3540(New)	50	50	--	100
								Open elective		50	50	--	100

C.C.S. University, Meerut	M.A. – Mathematics (049)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester							IIIrd Semester						
Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Abstract Algebra (w.e.f. 2018)	CG-1549	50	50	--	100	IX	Measure and Integration (w.e.f. 2019-20)	CG-3549	50	50	--	100
II	Real Analysis (w.e.f. 2018)	CG-1550	50	50	--	100	X	Mechanics (w.e.f. 2019-20)	CG-3557	50	50	--	100
III	Differential Equations (w.e.f. 2018)	CG-1551	50	50	--	100	XI	Core- Elective (Any one of the following) (w.e.f. 2019-20) (I) Numerical Analysis (II) Algebraic Coding Theory (III) Linear Algebra (IV) Object Oriented programming In C++	CG-3552 CG-7549 CG-7550 CG-7551	50	50	--	100
IV	Metric Spaces (w.e.f. 2018)	CG-1552	50	50	--	100	XII	Core- Elective (Any one of the following) (w.e.f. 2019-20) (I) Mathematical Methods (II) Mathematical Statistics (III) Partial Differential Equations (IV) Mathematical Programming	CG-3550 CG-3555 CG-3556 CG-3558	50	50	--	100
	Open elective (w.e.f. 2018)		-	100	-	100		Open elective		50	50	--	100

Note:- CG-7549,7550,7551,3555,3556,3558 are not applicable

C.C.S. University, Meerut	M.A. – Urdu (062)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Origin and Development of Urdu language	CG-1562	50	50	--	100	IX	Urdu Nazm	CG-3562	50	50	--	100
II	Literary tradition of Urdu	CG-1563	50	50	--	100	X A X B	Optional Papers: Mass Media Or Special Study Nasar Optional A: SirSyed Ahmad Khan B: Prem Chand C: Maulana Abul Kalam Azad	CG-3563 CG-3564 CG-7562 CG-7563	50	50	--	100
III	Research and criticism	CG-1564	50	50	--	100	XI	Special Study Nazam Optional A: Meertaqimeer B: Ghalib C: Iqbal	CG-3565 CG-7564 CG-7565	50	50	--	100
IV	Information Technology	CG-1565	50	50	--	100							
	Open elective		-	100	-	100		Open elective		50	50	--	100

Note:- CG-3564,7563,3565,7565 are not applicable

C.C.S. University, Meerut	M.A. – Political Science (070)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester (New Course w.e.f.2019-20)	IIIrd Semester (New Course w.e.f.2020-21)
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Traditions of Political Thinking	CG-1570	50	50	--	100	IX	Public Administration	CG-3570(Old)	50	50	--	100
II	Comparative Politics	CG-1571	50	50	--	100		Reading Texts	CG-3570(New)	50	50	--	100
III	Indian Political System	CG-1572	50	50	--	100	X	International Politics	CG-3571(Old)	50	50	--	100
IV	International Relations	CG-1573	50	50	--	100		Western Political Thought	CG-3571(New)	50	50	--	100
	Open elective		-	100	-	100	XI	Politics in India	CG-3572(Old)	50	50	--	100
								Indian Administration	CG-3572(New)	50	50	--	100
							XII	Modern Indian Political Thought	CG-3573(Old)	50	50	--	100
								State Politics in India	CG-3573(New)	50	50	--	100
								Open elective		50	50	--	100
								Viva-voce	CG-770				

Ist Semester (New Course Start 2019-20)

IIIrd Semester (New Course Start 2020-21)

Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Psychology as a Science	CG-1577	40	40	--	80	IX	Health Psychology Higher Cognitive Processes	CG-3577(Old) CG-3577(New)	40	40	--	80
II	Learning, Motivation and Emotion	CG-1578	40	40	--	80	X	Psychopathology Advanced Quantitative Methods	CG-3578(Old) CG-3578(New)	40	40	--	80
III	The Psychology of Individual Differences	CG-1579	40	40	--	80	XI	Social Psychology Psychopathology	CG-3579(Old) CG-3579(New)	40	40	--	80
IV	Biopsychology	CG-1580	40	40	--	80	XII	Positive Psychology Core- Elective (Any one of the following) (a) Clinical Psychology (b) Human Development till- adulthood (c) Organizational Psychology	CG-3580(Old) CG-7577(New) CG-7578(New) CG-7579(New)	40	40	--	80
	Open elective		-	100	-	100		Open elective		50	50	--	100
	Practical	CG-577	--	--	80	80		Practical	CG-777	--	--	80	80

C.C.S. University, Meerut	M.A. – Sanskrit (082)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester (New Course Start 2019-20)	IIIrd Semester (New Course Start 2020-21)
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Ved, Upnishad, Shiksha & History of Vedic Literature	CG-1582	50	50	--	100	XI	Sanhita, Nirukt	CG-3582	40	40	--	80
II	Indian Philosophy (Nyay-Vaisheshik, Sankhy & History)	CG-1583	50	50	--	100	XII	Dhwani, Vyanjana Sthapan & Kavyashastriy Shat Prasthan	CG-3583	40	40	--	80
III	Natika & Dramaturgy	CG-1584	50	50	--	100	XIII	Linguistics & Sanskrit Grammer	CG-3584	40	40	--	80
IV	Geetikavy & Gadyakavy	CG-1585	50	50	--	100	XIV	Special Study of Mahakavi Kalidas and Bharavi	CG-3585	40	40	--	80
	Open elective		-	100	-	100		Open elective		50	50	--	100
								Practical and Viva-Voce	CG-782	--	--	80	80

C.C.S. University, Meerut	M.A. – Sociology (087)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester							IIIrd Semester						
Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Sociological Concepts	CG-1587	50	50	--	100	XI	Modern Sociological Theories	CG-3587	50	50	--	100
II	Classical Thinkers	CG-1588	50	50	--	100	XII	Explanation in Social Science	CG-3588	50	50	--	100
III	Methodology of Social Research	CG-1589	50	50	--	100	XIII	Social Change in India	CG-3589	50	50	--	100
IV	Rural Sociology	CG-1590	50	50	--	100	XIV	Dalit Studies	CG-3590	50	50	--	100
	Open elective		-	100	-	100		Open elective		50	50	--	100

C.C.S. University, Meerut	M.Sc. – Botany (001)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Phytotechniques and Biostatistics	CH-1501	40	40	--	80	IX	Plant Water relations; Growth and Development	CH-3501	40	40	--	80
II	Microbiology	CH-1502	40	40	--	80	X	Phytochemistry and Metabolism	CH-3502	40	40	--	80
III	Algae and Bryophytes	CH-1503	40	40	--	80	XI	Anatomy and Reproduction in Angiosperms	CH-3503	40	40	--	80
IV	Taxonomy of Angiosperms	CH-1504	40	40	--	80	XII	Plant Ecology and Phytogeography	CH-3504	40	40	--	80
	Open elective		-	100	-	100		Open elective		50	50	--	100
	Practical I- Based on Courses I-IV	CH-501	--	--	80	80		Practical III- Based on theory courses IX-XII	CH-701	--	--	80	80

C.C.S. University, Meerut	M.Sc. – Chemistry (007)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Inorganic Chemistry	CH-1507	40	40	--	80	IX	Photochemistry	CH-3507	40	40	--	80
II	Organic Chemistry	CH-1508	40	40	--	80	X	Spectroscopy	CH-3508	40	40	--	80
III	Physical Chemistry	CH-1509	40	40	--	80	XI	Analytical Chemistry	CH-3509	40	40	--	80
IV	Computers for Chemist	CH-1510	40	40	--	80	XII	Bio-Inorganic Chemistry Bio-Organic Chemistry Bio-Physical Chemistry	CH-3510 CH-3511 CH-3512	40	40	--	80
	Any one of the following two: Qualifying (I) Biology for Chemist (II) Mathematics for Chemist	CH-1511 CH-1512	25 25	25 25	-- --	50 50							
	Open elective		-	100	-	100		Open elective		50	50	--	100
	Practical Chemistry	CH-507	--	--	80	80		Practical	CH-707	--	--	80	80

Note : Code No. CH-3510 & CH-3512 are not applicable.

C.C.S. University, Meerut	M.Sc. – Physics (027)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	Illrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Mathematical Physics	CH-1527	40	40	--	80	IX	Condensed Matter Physics	CH-3527	40	40	--	80
II	Classical Mechanics	CH-1528	40	40	--	80	X	Nuclear and particle Physics	CH-3528	40	40	--	80
III	Quantum Mechanics-I	CH-1529	40	40	--	80	XI	Special Paper-I: Electronics	CH-7027	40	40	--	80
IV	Electronic Devices	CH-1530	40	40	--	80	XII	Special Paper-II: Electronics	CH-7030	40	40	--	80
	Open elective		-	100	-	100		Open elective		50	50	--	100
	Practical	CH-527	--	--	80	80		Practical	CH-727	--	--	80	80

C.C.S. University, Meerut	M.Sc. – Statistics (032)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester							IIIrd Semester						
Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Computer Fundamentals and Statistical Programming using C language	CH-1532	35	35	--	70	IX	Industrial Statistics: Statistical Quality Control & Reliability Engineering	CH-3532	35	35	--	70
II	Design of Sample Survey	CH-1533	35	35	--	70	X	Interval Estimation, Sequential Analysis & Non-Parametric Inference	CH-3533	35	35	--	70
III	Measure and Probability Theory	CH-1534	50	50	--	100	XI	Operations Research	CH-3534	50	50	--	100
IV	Discrete and Continuous Statistical Distributions	CH-1535	50	50	--	100	XII	Any one of the following: (a) Decision Theory & Bayesian Inference (b) Actuarial Science and Official Statistics	CH-3535 CH-3536	50	50	--	100
	Open elective		-	100	-	100		Open elective		50	50	--	100
	Practical	CH-532	--	--	60	60		Practical	CH-732	--	--	60	60

Note : Code No. CH-3536 is not applicable.

C.C.S. University, Meerut	M.Sc. – Mathematics (049)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester							IIIrd Semester						
Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Abstract Algebra	CH-1549	50	50	--	100	IX	Measure and Integration (w.e.f. 2019-20)	CH-3549	50	50	--	100
II	Real Analysis	CH-1550	50	50	--	100	X	Mechanics (w.e.f. 2019-20)	CH-3551	50	50	--	100
III	Differential Equations	CH-1551	50	50	--	100	XI	Core- Elective (Any one of the following) (w.e.f. 2019-20) (I) Numerical Analysis (II) Algebraic Coding Theory (III) Linear Algebra (IV) Object Oriented programming In C++	CH-3552 CH-7549 CH-7550 CH-7551	50	50	--	100
IV	Metric Spaces	CH-1552	50	50	--	100	XII	Core- Elective (Any one of the following) (w.e.f. 2019-20) (I) Mathematical Statistics (II) Partial Differential Equations (III) Mechanics (IV) Mathematical Programming	CH-3550 CH-7552 CH-7553 CH-7554	50	50	--	100
	Open elective		-	100	-	100		Open elective		50	50	--	100

Note:- CH-7549,7550,7551,3555,3556,3558 are not applicable

C.C.S. University, Meerut	M.Sc. – Zoology (062)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Animal Taxonomy and Economic Zoology	CH-1562	40	40	--	80	IX	Chordata	CH-3562	40	40	-	80
II	Evolutionary Biology	CH-1563	40	40	--	80	X	Development Biology	CH-3563	40	40	-	80
III	Non-chordata	CH-1564	40	40	--	80	XI	Environmental Biology	CH-3564	40	40	-	80
IV	Cell and Molecular Biology	CH-1565	40	40	--	80	XII	Animal behavior	CH-3565	40	40	-	80
	Open elective		-	100	-	100		Open elective		50	50	--	100
	Practical: Based on I-IV (20 marks each)	CH-562	--	--	80	80		Practical Based on I-IV (20 marks each)	CH-762	--	--	80	80

C.C.S. University, Meerut	M.Sc. – TOXICOLOGY	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Principles of Toxicology	CH-1582	40	40	-	80		Toxicology of heavy metals	CH-3582	40	40	-	80
II	Environmental Toxicology	CH-1583	40	40	-	80		Toxicology of pesticides	CH-3583	40	40	-	80
III	Systemic Toxicology	CH-1584	40	40	-	80		Toxicology of organic solvents	CH-3584	40	40	-	80
IV	Cell and Molecular Toxicology	CH-1585	40	40	-	80		Regulatory Toxicology	CH-3585	40	40	-	80
	Open Elective-I		--	100	--	100		Open Elective – III		50	50	--	100
	Practicals based on I-IV	CH-582	--	--	80	80		Practicals based on XI-XIV	CH-782	--	--	80	80

C.C.S. University, Meerut	M.Sc. – Microbiology	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Microbial Techniques	CH-1591	40	40	-	80		Medical Microbiology	CH-3591	40	40	-	80
II	Prokaryotes and Acellular Microbes	CH-1592	40	40	-	80		Molecular Immunology	CH-3592	40	40	-	80
III	Microbial Diversity- Eukaryotes	CH-1593	40	40	-	80		Food and Dairy Microbiology	CH-3593	40	40	-	80
IV	Biostatistics, Computer Applications and Bioinformatics	CH-1594	40	40	-	80		Industrial Microbiology	CH-3594	40	40	-	80
	Open Elective		--	100	--	100		Open Elective		50	50	--	100
	Practicals	CH-591	--	--	80	80		Practicals	CH-791	--	--	80	80

C.C.S. University, Meerut	M.Sc. – Biotechnology	Campus CBCS Code List 2020 – 21
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Ist Semester (w.e.f. 2020-2021)	IIIrd Semester (w.e.f. 2021-2022)
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Fundamentals of Genetics	CH-1595	40	40	20	100	IX	General Microbiology	CH-3595	40	40	20	100
II	Cell Biology	CH-1596	40	40	20	100	X	Animal Biotechnology & immunology	CH-3596	40	40	20	100
III	Tools & Techniques in Biotechnology	CH-1597	40	40	20	100	XI	Biotechnology in Crop Improvement	CH-3597	40	40	20	100
IV	Bio-statistical Methods	CH-1598	40	40	20	100	XII	Plant Genetics Resources:- Conservation and Their Sustainable Use	CH-3598	40	40	20	100
	Open Elective		--	100	--	100		Open Elective		--	100	--	100
	Practicals	CH-595	--	--	80	80		Practicals	CH-795	--	--	80	80

C.C.S. University, Meerut	M.Sc. – Environmental Science	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester (w.e.f.-2021-22)	IIIrd Semester (w.e.f.-2022-23)
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Fundamental of Ecology and Environmental Sciences	CH-1537	40	40	--	80	IX	Environmental Policies & Law	CH-3537	40	40	--	80
II	Environmental Chemistry and Instrumentation	CH-1538	40	40	--	80	X	Environmental Management & EIA	CH-3538	40	40	--	80
III	Environmental Geosciences and Natural Disasters	CH-1539	40	40	--	80	XI	Fundamentals of Remote Sensing & GIS	CH-3539	40	40	--	80
IV	Natural Resource and their Management	CH-1540	40	40	--	80	XII	Environmental Statistics & computer applications	CH-3540	40	40	--	80
	Open elective		--	100	--	100		Open elective		--	100	--	100
	Practical	CH -537	--	--	80	80		Practical	CH -737	--	--	80	80

Ist Semester (Old Course)

IIIrd Semester

Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Cytology & Cytogenetics	CJ-1521	40	40	--	80	X	Breeding for Abiotic Stress and Quality	CJ-3521	40	40	--	80
II	Principles and Methods of Plant Breeding	CJ-1522	40	40	--	80	XI	Population and Biometrical Genetics	CJ-3522	40	40	--	80
III	Statistical Methods	CJ-1523	40	40	--	80	XII	Heterosis and its Exploitation	CJ-3523	40	40	--	80
IV	General Genetics	CJ-1524	40	40	--	80	XIII	Plant Biotechnology	CJ-3524	40	40	--	80
	Open elective		--	100	--	100		Open elective		--	100	--	100
	Practical	CJ-521	--	--	80	80		Practical	CJ-721	--	--	80	80

Ist Semester (New Course w.e.f. 2022-23)

Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Principles of Genetics	CJ-1521	40	40	--	80	X			40	40	--	80
II	Principles of Plant Breeding	CJ-1522	40	40	--	80	XI			40	40	--	80
III	Principles of Cytogenetics	CJ-1523	40	40	--	80	XII			40	40	--	80
IV	Statistical Methods for Applied Sciences	CJ-1524	40	40	--	80	XIII			40	40	--	80
	Open elective		--	100	--	100				--	100	--	100
	Practical	CJ-521	--	--	80	80				--	--	80	80

C.C.S. University, Meerut	M.Sc. – Agriculture (Entomology)	Campus CBCS Code List DEC-2022(2022–23)
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Ist Semester (w.e.f.-2019-20)	IIIrd Semester (w.e.f.-2020-21)
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Insect Morphology	CJ-1525	40	40	--	80	IX	Toxicology of Insecticides	CJ-3525	40	40	--	80
II	Classification of Insects	CJ-1526	40	40	--	80	X	Plant Resistance to Insects	CJ-3526	40	40	--	80
III	Principles of Integrated Pests Management	CJ-1527	40	40	--	80	XI	Pests of Horticulture & Plantation Crops & their Management	CJ-3527	40	40	--	80
IV	Statistical Methods	CJ-1528	40	40	--	80	XII	Computer Applications and Bioinformatics	CJ-3528	40	40	--	80
	Open elective		--	100	--	100		Open elective		50	50	--	100
	Practical	CJ-525	--	--	80	80		Practical	CJ-725	--	--	80	80

Ist Semester (w.e.f.-2019-20)

IIIrd Semester (w.e.f.-2020-21)

Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Mycology	CJ-1531	40	40	--	80	IX	Plant Bacteriology	CJ-3531	40	40	--	80
II	Principles of Plant Pathology	CJ-1532	40	40	--	80	X	Chemicals in Plant Disease Management	CJ-3532	40	40	--	80
III	Detection and Diagnosis of Plant Diseases	CJ-1533	40	40	--	80	XI	Diseases of Fruits, Plantation and Ornamental Crops	CJ-3533	40	40	--	80
IV	Statistical Methods	CJ-1534	40	40	--	80	XII	Computer Applications and Bioinformatics	CJ-3534	40	40	--	80
	Open elective		--	100	--	100		Open elective		50	50	--	100
	Practical	CJ-531	--	--	80	80		Practical	CJ-731	--	--	80	80

1st Semester (w.e.f. 2022-23)

Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
I	Production of Vegetable Crops	CJ-1537	40	40	--	80	IX			40	40	--	80
II	Propagation and Nursery Management of Fruit Crops	CJ-1538	40	40	--	80	X			40	40	--	80
III	Commercial Production of Flower crops	CJ-1539	40	40	--	80	XI			40	40	--	80
IV	Statistical Methods and Experimental Designs	CJ-1540	40	40	--	80	XII			40	40	--	80
	Open elective		--	100	--	100				50	50	--	100
	Practical	CJ-537	--	--	80	80		Practical		--	--	80	80

C.C.S. University, Meerut	M.Com.	Campus CBCS Code List DEC-2022(2022-23)
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Ist Semester	IIIrd Semester
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Course	Title of the Paper	Code No.	Marks				Course	Title of the Paper	Code No.	Marks			
			Int.	Ext.	Pract.	Total				Int.	Ext.	Pract.	Total
II	Organizational Behavior	CI-1501	50	50	--	100	X	Operations research	CI-3501	50	50	--	100
III	Accounting for Business Decision	CI-1502	50	50	--	100	XI	Business Research Methodology	CI-3502	50	50	--	100
IV	Quantitative Analysis	CI-1503	50	50	--	100	XII	Human Resource Management	CI-3503	50	50	--	100
I	Direct Tax Law And Practice	CI-1504	50	50	--	100	XIII	Financial Management	CI-3504	50	50	--	100
	Open elective		--	100	--	100		Open elective		50	50	--	100

07/01

सहा० कुलसचिव (परीक्षा)