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SALIENT POINTS FOR B.A. STUDENTS

Subjects to be Offered	Every student must offer three main subjects with Foundation course and Qualifying course as prescribe in the syllabus prescribed in the syllabus.												
Pass Percentage to be Obtained	One must obtain 33% marks both in theory and Practical separately in each subject and also in qualifying courses as follows:- Maximum Marks 100 75 70 60 50 40 35 30 25 20 Minimum Marks 33 25 23 20 17 13 12 10 09 07												
Provision for Grace Marks	5 Marks - In one main theory subject & Foundation course Or In two main theory subjects 3 Marks - In case of short of aggregate 3 Marks - In case of short of division. No provision of grace marks in practical. Note : The grace marks shall not be added to the total marks obtained by a candidate.												
Percentage Prescribed for Awarding Division	First Division - 60% Marks Second Division - 45% Marks Third Division - 33% Marks												
Eligibility for Appearing in Back Paper Examination	A student who secures 33 % marks in one main subject and fails in other two main subjects and Foundation course but he passes adding prescribed grace marks in one or two main subjects or one main subject and Foundation course, is eligible for back paper examination. If a Student fails in Qualifying course, he / she will also be eligible for back paper examination along with main subjects. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.												
Prescribed Limit for Completion of the Degree	B.A. within six years from the academic session in which a student is sought admission.												
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.												
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code no. as mentioned in code list. Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.												
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers & their codes must be according to the code list & not as mentioned in the syllabus.												
Maximum Aggregate Marks	<table><thead><tr><th></th><th>Maximum Marks</th><th>Pass Marks</th></tr></thead><tbody><tr><td>Part I</td><td>400</td><td>132</td></tr><tr><td>Part II</td><td>400</td><td>132</td></tr><tr><td>Part III</td><td>300</td><td>99</td></tr></tbody></table>		Maximum Marks	Pass Marks	Part I	400	132	Part II	400	132	Part III	300	99
	Maximum Marks	Pass Marks											
Part I	400	132											
Part II	400	132											
Part III	300	99											

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C.C.S. University, Meerut

B.A. – I, II & III (Exam. Code 'A')

Code List 2011 – 12

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
VISUAL ART : DRAWING & PAINTING								
I (Th) Fundamentals of Visual Art & Indian Folk Art	103	40	III (Th) Indian Painting from Prehistoric to Pahari School	203	50	V (Th) Indian Modern Art	303	50
II PRACTICAL (a) Still Life Painting (b) Creative Rendering	703	30 30	IV PRACTICAL (a) Portrait from Life / Plaster Cast Size 11" × 15" (b) Traditional Drawing Size 11" × 15" Including Internal Assessment / Submission	803	50	VI PRACTICAL (a) Drawing from life/Land Scape Size 11" × 15" (b) Pictorial Composition (Thematic) Size 11" × 15" Including Internal Assessment / Submission	903	50
(Only for Ex & old Student)								
I (Th) Fundamentals of Art	103 (old)	50						
II PRACTICAL (a) Still Life Painting Size 11" × 15" (b) Creative Colour Rendering Size 11" × 15"	703 (old)	50						
DEFENCE STUDIES								
I Art of War in India (upto 1947)	104	35	III Indian Military History	204	35	V Modern Warfare	304	35
II Evolution of Armament and Western Art of Warfare	105	35	IV Defence Organization in India	205	35	VI National Defence	305	35
PRACTICAL (MAP Reading)	704	30	PRACTICAL	804	30	PRACTICAL	904	30
(Only for Ex & old Student)								
I Warfare in the West	104 (old)	35						
II War in International Relation Since 1945 AD	105 (old)	35						
PRACTICAL	704 (old)	30						
ENGLISH								
I Poetry	109	50	III Poetry	209	50	V Drama	309	50
II Prose	110	50	IV Fiction	210	50	VI Major Literary Movements and Literary Forms	310	50
(Only for Ex & old Student)								
I Poetry	109 (old)	50						
II Prose	110 (old)	50						

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C.C.S. University, Meerut

Code List 2011 – 12 Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
GEOGRAPHY								
I Physical Geography	111	35	III Geography of Resources and Environment	211	35	V Geography of Mansoon Asia (Excluding India)	511	35
II Human Geography	112	35	IV Geography of India	212	35	VI Any one of the following :		
PRACTICAL	711	30				(a) Population Geography	512	35
(Only for Ex & old Student)			PRACTICAL	811	30	(b) Agricultural Geography	513	35
I Physical Geography	111 (old)	35				(c) Geography of Rural Settlements	514	35
II Human Geography	112 (old)	35				(d) Applied Geography	515	35
PRACTICAL	711 (old)	30				PRACTICAL	911	30
HINDI								
I Prachin Evam Madhyakaleen Kavya	113	50	III Adhunik Hindi Kavya	213	50	V Madhyakalen Hindi Kavya	313	50
II Hindi Natak & Rangmunch	114	50	IV Hindi Natak & Nibandh	214	50	VI Prayojanmulak Hindi	314	50
(Only for Ex & old Student)								
I Hindi Bhasha Sahitya Ka Itihas Evam Kavyang Vivechan	113 (old)	50						
II Hindi Katha Sahitya	114 (old)	50						
HISTORY								
I Political History of Ancient India (B.C. 600 – A.D. 606)	115	50	III History of India from c. AD 1526 – 1750	215	50	V The Rise of Modern West c.AD 1453-1789	415	50
II Political History of Indian (From A.D. 606 upto A.D. 1206)	116	50	IV History of India from c. AD 1750 – 1950	216	50	VI History of Modern Europe c.AD 1789-1945	416	50
(Only for Ex & old Student)								
I History of India from the Earliest Times to c. AD 650	115 (old)	50						
II History of India from c. AD 650 – 1526	116 (old)	50						
HOME SCIENCE								
I Home Management and Housing	117	35	III Textiles	217	35	V Fundamentals of Food & Nutrition	317	35
II Extension Education	118	35	IV Child Development	218	35	VI Dietetics	318	35
PRACTICAL	717	30	PRACTICAL	817	30	PRACTICAL	917	30
(Only for Ex & old Student)								
I Home Management & Housing	117 (old)	35						
II Family Health & Community Welfare	118 (old)	35						
PRACTICAL	717 (old)	30						

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C.C.S. University, Meerut

Code List 2011 – 12 Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
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Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
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COMMUNICATIVE ENGLISH (* Under UGC Scheme)

I Speech, Oral & Aural Communication	119	20	III Radio Journalism & Broadcast Presentation	219	25	V Entrepreneurship Development	319	15
II Writing & Study Skill	120	50				VI Office Communication	320	15
PRACTICAL	719	30	IV T.V. Journalism	220	20	For Business		
			PRACTICAL	819	25	PRACTICAL	919	35*
			PRACTICAL	820	30	PRACTICAL	920	35

* Distribution of 35 Marks in Practical Code 919 of B.A.-III Communicative English (a) Internal Assessment 10 Marks (b) Internal Supervision's evaluation 07 Marks (c) Project Report 10 Marks (d) Viva-Voce 08 Marks.

PHILOSOPHY

I Indian Philosophy	124	50	III Ethics (Indian & Western)	224	50	V Philosophy of Religion	524	50
II Modern Western Philosophy	125	50	IV Western Philosophy	225	50	VI Logic	525	50
(Only for Ex & old Student)						(Ex & Old Course Candidate)		
I Indian Philosophy	124 (old)	50				V Philosophy of Religion	424(old)	50
II Social And Political Philosophy	125 (old)	50				VI Any one of the following :		
						(a) Classical Text		
						(Select any one of the following)		
						i - Isopanisad	425(old)	50
						ii - Kathopanisad	426(old)	50
						iii - Bhagavat Geeta (Selections)	427(old)	50
						OR		
						Social & Political Philosophy	428(old)	50

MATHEMATICS

I Algebra and Trigonometry	126	33	IV Advanced Calculus	226	33	VII Analysis	526	33
II Calculus	127	33				VIII Abstract and Linear Algebra	527	33
III Geometry and Vector Calculus	128	34	V Differential Equations	227	33	IX Any one of the following:		
(Only for Ex & old Student)						(a) Computer Fundamentals and Numerical Analysis	528	34
I Trigonometry and Algebra	126 (old)	33	VI Mechanics	228	34	(b) Discrete Mathematics	529	34
II Calculus	127 (old)	33				(c) Applications of Mathematics in Finance and Insurance	530	34
III Geometry and Vectors	128 (old)	34				(d) Linear Programming	531	34

SANSKRIT

I Sanskritkavyam Kavyashastrancha	130	50	III Ved, Upanishad Evam Kavyashastra	230	50	V Natak Evam Natyashastra	330	50
II Vyakaranam, Anuvadeh, Sanskritsahityetihasshcha	131	50	IV Adhunik Kavya, Vyakaran Evam Anuvad	231	50	VI Gadhya Sahitya, Vyakaran Evam Nibandh	331	50
(Only for Ex & old Student)								
I Sanskrit Mahakavya Aur Kavi	130 (old)	50						
II Neeti Sahitya, Vyakaran Evam Bhartiya Sanskriti	131 (old)	50						

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Code List 2011 – 12

Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
SOCIOLOGY								
I Introduction to Sociology	132	50	III Foundations of Sociological Thought	232	50	V Social Research Methods	332	50
II Society in India-Structure and Change	133	50	IV Indian Society: Issues and Problems	233	50	VI (a) Crime & Society Or	333	50
(Only for Ex & old Student)						(b) Sociology of Tribal Society	334	50
I Introduction to Sociology	132 (old)	50				(Ex & Old Course Candidate)		
II Society in India: Structure and Change	133 (old)	50				V Social Research Methods	332(old)	50
						VI (a) Social Welfare and Social Legislation in India Or	333(old)	50
						(b) Sociology of Tribal Society Or	334(old)	50
						(c) Crime & Society	335(old)	50
URDU								
I Fiction	136	50	III Prose (Nasr)	236	50	V Creative Prose (Nasr)	336	50
II Nazam	137	50	IV Poetry (Nazam)	237	50	VI Poetry (Nazam)	337	50
(Only for Ex & old Student)								
I Nasr (Asnaf-a-Nasr)	136 (old)	50						
II Poetry (Ghazaliyaat)	137 (old)	50						
POLITICAL SCIENCE								
I Political Theory	138	50	III Indian Government and Politics	238	50	V Public Administration	338	50
II National Movement and Constitution of India	139	50	IV Comparative Government and Politics	239	50	VI International Politics	339	50
(Only for Ex & old Student)								
I Political Theory	138 (old)	50						
II Indian Political Thought	139 (old)	50						
PSYCHOLOGY								
I Basic Psychological Processes	140	35	III Psychological Research and Measurement	251	35	V (a) Psychopathology or	439	35
II Experimental Methodology and Statistics	141	35	IV Social Psychology	252	35	(b) Human Development	440	35
PRACTICAL	740	30				VI Any one of the following:		
(Only for Ex & old Student)						(a) Organizational Behavior	441	35
I Basic Psychological Processes	140 (old)	35				(b) Counseling Psychology	442	35
II Psychological Statistics	141 (old)	35				(c) Psychology & Health	443	35
PRACTICAL	740 (old)	30	PRACTICAL	840	30	(d) Environmental Psychology	444	35
						PRACTICAL	940	30

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Code List 2011 – 12

Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
EARLY CHILDHOOD CARE & EDUCATION (* Under UGC Scheme)								
I Child Development (Basic Course)	142	35	IV Guiding Young Children	242	25	VII Organization & Management	342	25
II Family and Child in Today's Context	143	35	Principles & Practices			Of Early Childhood		
PRACTICAL (Activities for young children)	742	30	V Activities for Young Children:	243	25	Educational Center		
			Principles & Practices			VIII Placement in E.C.C. & E.	343	25
(Only for Ex & old Student)			VI Policy of Programmes for Children	244	25	Setting & Block Placement		
I Child Development	142 (old)	25	PRACTICAL	842	25	IX Entrepreneurship Development	344	25
II Family & Child in Today's Context	143 (old)	25				PRACTICAL	942	25
III Activities for Young Children	144 (old)	25						
PRACTICAL	742 (old)	25						
ECONOMICS								
I Principles of Economic Analysis	145	50	III Micro Economics	245	50	V Macro Economics	345	50
II Indian Economic Problems	146	50	IV Indian Economics	246	50	VI Money, Banking & Public Finance	346	50
(Only for Ex & old Student)								
I Introduction to Statistics	145 (old)	50						
II History of Economics Thoughts	146 (old)	50						
TOURISM & TRAVEL MANAGEMENT (* Under UGC Scheme)								
I Tourism Business	190	30	III Tourism Marketing	290	30	V Emerging Concepts for Effective Tourism Developments	390	30
II Tourism Products	191	30	IV Travel Agency, Tour Business & Accommodation	291	30	VI Information, Communication And Automation	391	30
PRACTICAL	790	40	PRACTICAL	890	40	PRACTICAL	990	40
FUNCTIONAL HINDI (* Under UGC Scheme)								
I Bharat Sarkar Ki Raj-Bbasha Neeti	154	35	III (a) Noting and Drafting in Hindi	254	35	V (a) Radio & T.V. Broadcasting Presentation	354	35
II Hindi Ka Prayogik Vyakaran Tatha Vartalap	155	35	(b) Commercial and Business Correspondence			(b) Typing, Faxing, E-Mail, Internet & Computer Based work in Hindi		
PRACTICAL	754	30	IV (a) Economic Conversion Bilingual Job	255	35	VI Entrepreneurship Development	355	35
(Only for Ex & old Student)			(b) Press Communication and Notification			PRACTICAL	954	30
I (a) Bharat Sarkar Ki Raj Bhasha Neeti	154 (old)	35	PRACTICAL	854	30			
(b) Hindi Ka Prayogik Vyakaran Tatha Vartalap Parak Hindi								
II (a) Anuvad Paribhashit Shabdavali	155 (old)	35						
(b) Hindi mein Sarkari Patrachar								
PRACTICAL	754 (old)	30						

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Code List 2011 – 12 Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
EDUCATION								
I Principles of Education	160	50	III Education and Human Development –I	260	40	V Education & Indian Heritage-I	360	40
II History and Development of Indian Education	161	50	IV Education and Human Development –II	261	40	VI Education & Indian Heritage -II	361	40
(Only for Ex & old Student)			VIVA VOCE	860	20	VIVA VOCE	960	20
I Education and Society-I	160 (old)	40						
II Education and Society-II	161 (old)	40						
VIVA VOCE	760 (old)	20						
MUSIC								
I Vocal (Theory Paper)	165	30	I Theory Vocal –I	265	25	I Theory Vocal –I	365	25
Or			II Theory Vocal-II	266	25	II Theory Vocal-II	366	25
I Sitar (Theory Paper)	167	30	OR			OR		
Or			I Theory Sitar-I	267	25	I Theory Sitar-I	367	25
I Tabla (Theory Paper)	169	30	II Theory Sitar-II	268	25	II Theory Sitar-II	368	25
PRACTICAL – I	765	35	OR			OR		
PRACTICAL – II	766	35	I Theory Tabla-I	269	25	I Theory Tabla-I	369	25
(Only for Ex & old Student)			II Thory Tabla-II	270	25	II Thory Tabla-II	370	25
I Theory Vocal –I	165 (old)	25	PRACTICAL	865	50	PRACTICAL	965	50
II Theory Vocal-II	166 (old)	25						
OR								
I Theory Sitar-I	167 (old)	25						
II Theory Sitar-II	168 (old)	25						
OR								
I Theory Tabla-I	169 (old)	25						
II Thory Tabla-II	170 (old)	25						
PRACTICAL	765 (old)	25						

A candidate must select any one branch i.e. either VOCAL or SITAR or TABLA.

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Code List 2011 – 12 Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
COMPUTER APPLICATION (* Under UGC Scheme)								
I Computer Fundamentals and Internet	192	25	III Data Base Management System & Structure, Programme, Business & Accommodation-I	292	25	V Computer Aided Drafting & Advanced Topics in Computer	392	25
II Data Communication	193	25	IV Data Base Management System II and Computer Graphics PRACTICAL	293	25	VI Entrepreneurship Development PRACTICAL	393	25
III Programming in C PRACTICAL Elaborative M.S. Office and 'C' Programming	490	25						
(Only for Ex & old Student)								
I Computer Fundamentals & Introduction to I.B.M. PC	192 (old)	25						
II Operating Systems & Business Data Processing PRACTICAL	193 (old)	25						
	792 (old)	50						
STATISTICS								
I Statistical Methods and Theory of Attributes	194	33	III Sample Survey & Analysis and Design of Experiments	294	35	V Applied Statistics	394	35
II Probability and Probability Distributions PRACTICAL	195	33	IV Statistical Inference PRACTICAL	295	35	VI Computational Techniques PRACTICAL	395	35
	794	34						
(Only for Ex & old Student)								
I Descriptive Statistics	194 (old)	35						
II Probability Theory PRACTICAL	195 (old)	35						
	794 (old)	30						
Physical Education								
I Foundations of Physical Education	185	25	III Foundation of Physical Education	285	35			
II History of Physical Education	186	25	IV Correctives Physical Education PRACTICAL	286	35	---	--	--
III Anatomy & Physiology in Physical Education PRACTICAL	187	25						
(Only for Ex & old Student)								
I Physical Education – I	185 (old)	35						
II Physical Education – II PRACTICAL Group "A"-Athletic Group "B" Game Group "C" Physical Fitness	186 (old)	35						
		30						

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Code List 2011 – 12 Exam. B.A.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
FOUNDATION COURSES								
I Bhartiya Sanskriti Evam Rashtra Gaurav	009	100	A candidate will have to select one of the following foundation courses :- 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit	011 012 013	100 100 100	(Only for Old Students) 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit 2 Indian Culture and Philosophy 3 Indian Society and Political System 4 Environment and Conservation of Natural Resources 5 Health and General Science 6 Indian Economy and Management	011 (old) 012 (old) 013 (old) 014 (old) 015 (old) 016 (old) 017 (old) 018 (old)	100 100 100 100 100 100 100 100
QUALIFYING COURSES								
I ☀Environmental Studies II Sports & Physical Education	A 008 A 001	100 100	I General Awareness II Sports & Physical Education	A 010 A 002	100 100	III Sports & Physical Education	A 003	100

☀ क्वालिफाईंग कोर्स के अन्तर्गत संचालित “पर्यावरण-अध्ययन” कोड सं०-008, केवल प्रथम वर्ष के छात्र/छात्राओं के लिए ही अनिवार्य है, परन्तु ऐसे छात्र/छात्रायें, जो प्रथम वर्ष में उक्त विषय की परीक्षा उत्तीर्ण नहीं कर पाये हैं, वे इस विषय (कोड संख्या -008) की परीक्षा, बैक पेपर परीक्षा अथवा द्वितीय वर्ष या तृतीय वर्ष की परीक्षा के साथ सम्मिलित होकर उत्तीर्ण कर सकते हैं।

► **नोट :-**

- शासनादेश संख्या 2193/सत्तर-2-2004-16 (24)/2004 दिनांक 30.06.2004 तथा विश्वविद्यालय के पत्रांक सम्बद्धता-1332 दिनांक 20.09.2004 एवं पत्रांक परीक्षा संस्थागत/248 दिनांक 04.10.2004 के संदर्भ में संस्थागत छात्रों के लिए सत्र 2004-05 से खेलकूद एवं शारीरिक शिक्षा का विषय स्नातक स्तर (बी०ए०,बी०एस-सी,०बी०कॉम०) के पाठ्यक्रमों में अनिवार्य है। खेल कूद एवं शारीरिक शिक्षा विषय की तीनों वर्षों की परीक्षाएँ पृथकतः उत्तीर्ण करना आवश्यक है तथा तृतीय भाग तक उत्तीर्ण न कर पाने की स्थिति में छात्र अनुत्तीर्ण माना जायेगा।
- विकलांग छात्रों द्वारा मुख्य चिकित्साधिकारी द्वारा प्रदत्त प्रमाण पत्र महाविद्यालय में जमा करने पर इस पाठ्यक्रम से छूट रहेगी।

SALIENT POINTS FOR M.A. STUDENTS

Subjects to be Offered	Every student must offer all the papers prescribed in the syllabus provided by the University and as available in the colleges			
Pass Percentage to be Obtained	One must obtain 36% marks in aggregate of all the theory papers and in each practical & Viva-Voce separately.			
Provision for Grace Marks	3 Marks	-	In case of short of aggregate	
	3 Marks	-	In case of short of division.	
	No provision of grace marks in practicals & Viva-Voce.			
	Note : The grace marks shall not be added to the total marks obtained by a candidate.			
Percentage Prescribed for Awarding	First Division	-	60% Marks	
	Second Division	-	48% Marks	
	Third Division	-	36% Marks	
Eligibility for Appearing in Back Paper Examination	A candidate is eligible to appear in back paper examination in one paper if the prescribed No. of papers a year is less than 06 and in two papers if the prescribed No. of papers is 6 or more. After back paper examination, better marks obtained by a candidate, either in main examination or in back paper examination, shall be awarded.			
Prescribed Limit for Completion of the Degree	M.A. within four years from the academic session in which a student is sought admission.			
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.			
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list. Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and in legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.			
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers & their codes must be according to the code list & not as mentioned in the syllabus.			
Maximum Aggregate Marks	Maximum Marks	550	500	450
	Minimum Aggregate Marks	198	180	162

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
VISUAL ART : DRAWING & PAINTING (00)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Indian Painting (upto 1850 A.D.)	100	100	III European Painting (Renaissance to Realism)	300	100
II Philosophy of Art (Indian & Western)	101	100	IV Modern Art (Indian & Western)	301	100
PRACTICAL : Thematic Composition Oil/Water Medium Size 15" × 22"	700	100	V PRACTICAL: Creative Composition Oils / Acrylic / Mix media/assemblage Size not less than 24" × 36"	800	100
PRACTICAL: Master Painting Study Size 15" × 22"	701	100	VI PRACTICAL: Elective Applied Courses (Two courses of 50 M.M. each)	801	100
PRACTICAL: Portrait painting (Bust) Oil/Water Medium Size 15" × 22"	702	100	Or		
			VII Dissertation (Internal assessment M.M.50, External assessment M.M.50)	401	100
			VIII Viva – Voce	802	100
EDUCATION (02)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Psychological Foundation of Education	102	100	VI Comparative Education	302	100
II Philosophical Foundation of Education	103	100	VII Teacher Education	303	100
III Methodology of Education Research and Educational Statistics	202	100	VIII to XI- Any two from the following special papers :		
IV Sociological Foundation of Education	203	100	(a) Intelligence, Creativity and Education	304	100
V Essay on any paper I To IV	204	100	(b) Special Education	305	100
Or			(c) Distance Education	402	100
Project	205	100	(d) Educational Technology	403	100
			XII Viva on Course Contents of paper VI to XI in General	803	100
			Or		
			An In-depth and exhaustive Viva on any one of the papers VI to XI of M.A., education chosen by examinee for this purpose.	804	100

- Note :**
1. Only those regular students who secured minimum 55 % marks in M.A. Previous can offer dissertation.
 2. Dissertation / Project is not allowed for Private Candidates.
 3. 5 % marks relaxation is allowed for offering dissertation for SC/ST candidates as per decision of Exam. Committee dated 22-09-2001.
 4. Viva-Voce is compulsory for both regular & Private Students.

Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

(12)

C.C.S. University, Meerut

Code List 2011 – 12 Exam. M.A.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks

ECONOMICS (06)

(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Micro Economic Theory	106	100	VI Macro Economic Theory	306	100
II Statistical Methods for Economic Analysis	107	100	VII Public Economics	307	100
III Economics of Growth & Development	108	100	VIII Indian Economic Policy	308	100
IV International Trade and Finance	109	100	IX- Any one from the following papers:		
V Optional : Any one from the following papers -			(a) Agricultural Economics	406	100
(a) Industrial Economics	206	100	(b) Labour Economics	407	100
(b) Economics of Infrastructure	207	100	(c) Financial Institutions and Markets	408	100
(c) Economics of Social Sector and Environment	208	100	(d) Econometrics	410	100
(d) Demography	209	100	Or		
(e) Mathematical Economics	210	100	(e) Dissertation	411	100
Note:- The Course (e) Mathematical Economics in M.A.Part-I can be offered only by those candidates who had Mathematics at Intermediate or degree level.			(Evaluation M.M.50, Viva-Voce M.M.50)		
			X VIVA - VOCE	806	100

ENGLISH (12)

(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Literature in English from 1340 to 1660 (Excluding Shakespeare)	112	100	VI Shakespeare	312	100
II Literature in English from 1661 – 1798	113	100	VII Indian Writing in English	313	100
III Literature in English from 1799 – 1837	114	100	VIII (a) American Literature	314	100
IV Literature in English from 1838 – 1890	115	100	Or		
V Literature in English from 1891 – 2000	116	100	(b) Literary Theory and Research Documentation	315	100
			IX (a) Classical Literature	316	100
			Or		
			(b) Phonetics, Linguistics and Stylistics	317	100
			Or		
			(c) Dissertation	412	100
			X Viva-Voce	812	100

Note : 1. Only those regular students who secured minimum 55 % marks in M.A. Previous can offer dissertation.

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4. Viva-Voce is compulsory for both regular & Private Students.

Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
GEOGRAPHY (18)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Gemorphology	118	100	V History of Geographic Thought	318	100
II Natural Resource Management	119	100	VI Environmental Geography	319	100
III Advanced Geography of India	120	100	VII Any one from the following papers :		
			(a) Advanced study of agricultural Geography	417	100
			(b) Advanced study of Population Geography	418	100
IV Any one from the following papers :			(c) Geography of Tourism	419	100
(a) Urban Geography	219	100	(d) Remote Sensing and Geographical Info. System	420	100
(b) Regional Planning	220	100	(e) Research Methodology	421	100
			VIII Any one from the following papers :		
I Political Geography	221	100	(a) Climatology and Oceanography	422	100
			(b) Biogeography	424	100
			(c) Dissertation (Evaluation M.M.75, Viva Voce M.M.25)	423	100
4. Industrial Geography	222	100	PRACTICAL-II	818	100
PRACTICAL	718	100	Advanced Surveying Remote Sensing & Geographical Information System		

HINDI (25)

(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Hindi Sahitya ka Itihas Evam Sahityak Nibandh	125	100	VI Prachin Evam Madhya Kaleen Kavya	325	100
II Gadhya Sahitya	126	100	VII Bhasha Vigyan Evam Hindi Bhasha	326	100
III Kavyashastra Evam Sahitya Lochan	127	100	VIII Any one from the following two papers :		
IV Adhunik Kavya	128	100	(b) Bhartya Sahitya	327	100
Any one from the following papers :			(c) Korvi Lok Sahitya	328	100
V (i) Vishistha Rachnakar (Soordas)	225	100	XI Any one from the following four papers :		
(ii) Vishistha Rachnakar (Tulsidas)	226	100	(a) Patrakarita	329	100
(iii) Vishistha Rachnakar (Jai Shankar Prasad)	227	100	(b) Prayojan Mulak Hindi	330	100
(iv) Vishishita Rachnakar (Acharya Hazari Prasad Dwivedi)	228	100	(c) Laghu Sodh Prabandh (Project)	331	100
(v) Chhayavodottar Kavya	229	100	(Internal assessment M.M.50, External assessment M.M.50)		
(vi) Ritikaal	230	100	(d) Natak Evam Rangmunch	332	100
(vii) Prachin Bhasha Sahitya (Sanskrit)	231	100	XII Viva-Voce	825	100
(viii) Prachin Bhasha Sahitya (Prakrit Apbhansh)	232	100	Note : Only those students who have secured minimum 55% marks in M.A. Previous can offer Laghu Sodh Prabandh (Project).		
(ix) Pradeshik Bhasha Sahitya (Bangla)	233	100			

Note : 1. Only those regular students who secured minimum 55% marks in M.A. Previous can offer dissertation.

2. Dissertation / Project is not allowed for Private Candidates.

3. 5 % marks relaxation is allowed for offering dissertation for SC/ST candidates as per decision of Exam. Committee dated 22-09-2001.

4. Viva-Voce is compulsory for both Regular & Private students.

Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
HOME SCIENCE (30)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Food & Nutrition	130	Th. Pr. 100 50	V Clothing and Textile	430	Th. Pr. 100-50
II Human Development & Family Studies	131	100 50	VI Family Resource Management	431	50 –50*
III Consumer Economics	132	50 50*	VII Extension Education and Communication	432	100-50
IV Research Methodology	133	100 -	VIII Rural Sociology	433	100-
			Or		
			DISSERTATION	830	100 -
			(Evaluation M.M.60, Seminar M.M. 20, Viva –Voce M.M. 20)		
Note : * 50 Marks practical as Internal Assessment divide as 25, 25 marks for market survey & project presentation respectively			Note : 1. * 50 Marks practical as Internal Assessment		
			2. Only those students who have secured 55% or more marks in aggregate in M.A. Previous can offer Dissertation.		

Note : Candidates who desires to offer M.A. (Home Science) must have passed B.A (10+2+3) with Home Science as a Subject or B.Sc. (Home Science 10+2+3).

HISTORY (37)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Historiography : Concept Method & Tools	137	100	Note: Candidate has to choose one group of courses from the Ancient, Medieval & Modern Indian History as Follows :		
II Twentieth Century World	138	100	Group A : ANCIENT INDIA		
III National Movement in India (c.AD 1857 – 1947)	139	100	VI (a) History of Ancient India and Greco Roman Contacts (c.BC 600-78 A)	437	100
			(b) History of Ancient India (c.AD 78-650)	438	100
			(c) History of Ancient India and South East Asia (c.AD 650-1200)	439	100
			(d) Society, Economy and Culture of Ancient India (upto c.1200 AD)	440	100
IV & V Any two from the following papers :			Group B : MEDIEVAL INDIA		
(a) Economic History of India (c.AD 1757 – 1964)	240	100	VII (a) History of Medieval India and Central Asia (c.AD 1200-1526)	441	100
(b) Historical Application in Tourism	241	100	(b) History of Medieval India (c.AD 1526-1657)	442	100
(c) History of Medievel Rajasthan (c.AD 1400-1708)	242	100	(c) History of Medieval India (c.AD 1658-1761)	443	100
(d) Women In Indian History	243	100	(d) Society, Economy and Culture of Medieval India (c.AD 1200-1750)	444	100
(e) History of Science & Technology in India	244	100	Group C : MODERN INDIA		
(f) History of Architecture of India	245	100	VIII (a) History of Modern India (c.AD 1757 –1857)	445	100
(g) State in India	246	100	(b) History of Modern India (c.AD 1857-1919)	446	100
			(c) History of Modern India (c. AD 1920-1964)	447	100
			(d) Society, Economy and Culture of Modern India (c.AD 1750-1950)	448	100
			IX Viva-Voce : Viva-Voce candidates shall have to bring with them an Essay/Project of approximately 20 page on any subject/Topic of their specialization course/courses. The Examinee shall have to present a brief resume of three to five minutes before the Examiners.	837	100

Note : 1. Dissertation / Projcet is not allowed for Private Candidates.

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Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
PHILOSOPHY (45)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Ethics	145	100	VI Contemporary Western Philosophy	545	100
II Indian Philosophy	146	100	VII Philosophy of Religion	546	100
III Western Philosophy	147	100	Select any one group from the following :-		
IV Social and Political Philosophy	248	100	Group I		
V Modern Indian Thought	249	100	(i) Advanced Modern Logic	549	100
			(ii) Advanced Ethics	550	100
			Group II		
			(i) Philosophy of Plato	551	100
			(ii) Philosophy of Aristotle	552	100
			Group III		
			(i) Nyaya Philosophy	553	100
			(ii) Budhism	554	100
			Group IV		
			(i) Philosophy of Sankara	555	100
			(ii) Philosophy of Ramnuja	556	100
			X Seminars and Viva-Voce	845	100
MATHEMATICS (49)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Topology	149	75	VII Integration Theory and Functional Analysis	349	75
II Real Analysis	150	75	VIII Fluid Dynamics	350	75
III Discrete Mathematics	151	75	IX Operations Research	351	75
IV Complex Analysis	152	75	Select one paper from each group.		
V Any one from the following papers :			X Group A		
(a) Differential Equations	153	75	(a) Difference Equations	449	75
(b) Differential Geometry	154	75	(b) Integral Equations and Boundary Value Problems	450	75
(c) Mechanics	155	75	(c) Wavelets	451	75
VI Any one from the following papers:			(d) Information Theory and Reliability Theory	452	75
(a) Advanced Abstract Algebra	156	75	XI Group B		
(b) Theory of Numbers	157	75	(a) Computer Programming & Data Structure	453	75
(c) Mathematical Statistics	158	75	(b) Non Linear Programming	454	75
			(c) Spherical Astronomy & Space Dyanamics	455	75
			(d) Fuzzy Set Theory, Fuzzy Logics & their Applications	456	75
			XII GROUP C		
			(a) Mathematical Modelling	457	75
			(b) Partial Differnatial Equation	458	75
			(c) Bio-Mathematics	459	75
			(d) Mathematics of finance & Insurance	460	75
			XIII GROUP D		
			Dissertation	849	75
			Note :- 1. A student who secure minimum 55% Marks in M.A. Previous is eligible to offer dissertation in lieu of any one optional paper from group A/B/C		
			2. To be submitted before 31 st March.		
			3. It can be offered in place of one Optional paper.		
			XIV Viva –Voce	850	100

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Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
URDU (62)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Modern Prose	162	100	VI Early & Medieval Prose	362	100
II Modern Poetry	163	100	VII Early & Medieval Poetry	363	100
III (a) Literary History Or	164	100	VIII Special Study of a Poet or Author		
(b) Social & Cultural Background of Urdu Literature	165	100	(a) Shibli	364	100
IV Allied Languages Prosody & Criticism			Or		
(a) Persian Or	262	100	(b) Iqbal	365	100
(b) Arabic Or	263	100	IX Prose Forms & Techniques		
(c) Urdu Prosody Poetics & Rhetorics Or	264	100	(a) Essay & Translation Or	366	100
(d) Literary Criticism	265	100	(b) Journalism & Mass Communication	367	100
V Special Study of a Poet or Author- Galib Or	266	100	X Viva-Voce	862	100
Sir Sayad Ahmad	267	100			
POLITICAL SCIENCE (70)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Western Political Theory	170	100	VI Modern Indian Political Thought	370	100
II Indian Government & Politics	171	100	VII Contemporary Political Issues	371	100
III Comparative Politics	270	100	VIII Any two papers from the following :		
			(a) International Law	470	100
IV Theories of International Relations	271	100	(b) Ancient Indian Political Thought	471	100
V Major Ideas & Issue in Public Administration	272	100	(c) South Asian Political Systems (Pakistan, Srilanka, Nepal, Bangladesh)	472	100
			(d) Research Mathodology	473	100
			(e) Indian Administration	474	100
			(f) Federalism in India	475	100
			(g) Indian's Foreign Policy	476	100
			IX Viva-Voce	870	100
PSYCHOLOGY (77)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Methods of Psychological Research	177	100	VI Positive Psychology	377	100
II Cognitive Processes	178	100	VII Personality. Self and Personal Growth	378	100
III Biological Foundations of Behavior	179	100	Any one paper from each group :		
IV Social Psychology	180	100	VIII GROUP A		
			(a) Neuropsychology	379	100
V PRACTICAL (Experimental Lab Work)	777	100	(b) Health Psychology	380	100
			(c) Life Span Development Psychology	381	100
			(d) Developmental Social Psychology	382	100
			(e) Psychopathology	383	100
			IX GROUP B		
			(a) Organizational Behaviour	477	100
			(b) Educational Psychology	478	100
			(c) Environmental Psychology	479	100
			(d) Developmental Disability & Psychopathology	480	100
			(e) Clinical & Community Intervention	481	100
			X PRACTICALS :- (Field Work & Project & Experimental Lab-Work)	877	100

Note: Viva-Voce is compulsory for both Regular & Private Studnets. Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
SANSKRIT (82)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Vedic Literature & History	182	100	VI Sanskrit Kavyashastra	582	100
II Grammar, Linguistics & Essay	183	100	VII Sanskrit Natyashastra	583	100
III Indian Philosophy	282	100	Select any one Group from the following :-		
IV Poetics and Aesthetics	283	100	VIII 1. Veda :		
V Kavya	284	100	(a) Vaidik Sahitya Tatha Vyakaran	584	100
			(b) Brahman Shrot Evam Gruhya Vangmay	585	100
			VIII 2. Vyakaran :		
			(a) Vyakaran Parampara Evam Vyakaran Darshan	586	100
			(b) Navya Vyakaran Prakriya Tatha Darshan	587	100
			VIII 3. Darshan :		
			(a) Bhartiya Darshan –Eak Parichya	588	100
			(b) Nyayayogmimansavedant	589	100
			VIII 4. Kavya :		
			(a) Sanskrit Kavyaparampara Parichya	590	100
			(b) Gadhya, Champu Tatha Etihask Kavya	591	100
			VIII 5. Puranetihas :		
			(a) Puran	592	100
			(b) Itihas Kavya	593	100
			VIII 6. Dharamshastra, Arthshastra Evam Neetishastra		
			(a) Dharamshastra	594	100
			(b) Arthshastra Evam Neetishastra	595	100
			VIII 7. Shahitya Shastra Evam Soundaryashastra		
			(a) Ras, Dhawani Evam Dosh Avadharanaye	596	100
			(b) Sahitya Sidhant	597	100
			IX Viva-Voce	882	100
SOCIOLOGY (87)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Classical Sociological Thinkers	187	100	VI Theoretical Perspectives in Sociology	387	100
II Methodology of Social Research	188	100	VII Sociology of Change and Development	388	100
III Perspectives on Indian Society	189	100	VIII Criminology and Penology	389	100
IV Rural Society in India	190	100	IX Any one from the following papers :		
V Any one from the following papers :			(a) Sociology of Marginalized Communities	487	100
(a) Gender and Society	287	100	(b) Industry & Society in India	488	100
(b) Education and Society	288	100	(c) Comparative Sociology	489	100
(c) Sociology of Social Movements	289	100	(d) Sociology of Kinship, Marriage & Family	490	100
(d) Political Sociology	290	100	(e) Sociology of Aging	491	100
			(f) Project Report Field Works	492	100
			(Evaluation M.M. 50, Viva-Voce M.M. 50)		
			Note : Project Report Field Works can be offered by those regular candidates only who secure minimum 55% Marks in M.A. Part-I		
			X Viva-Voce	887	100

Note: Viva-Voce is Compulsory for both Regular & Private students. Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks

DEFENCE STUDIES (95)

(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Theory and Development of war Since 1789 AD to 1945 AD	195	100	V International Law	395	100
II War and International Relation Since 1945	196	100	VI National Security of India	396	100
III & IV Any three from the following papers :			VII & VIII Any two from the following papers :		
(a) Economics Aspects of Defence	294	100	(a) Disarmament, Arms Control and Peace	495	100
(b) Operation Research	295	100	(b) Man Power Studies	496	100
(c) Ballistics	296	100	(c) Science and Technology in war	497	100
(d) Psychology of war	297	100	(d) Civil & Military Relations	498	100
(e) Area Study (Himalayan States-Nepal& Bhutan) & Pakistan	298	100	IX Viva-Voce	895	100
(f) Insurgency & Counter Insurgence	299	100			

MUSIC (97)

(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Science and Aesthetics of Music (For Vocal and Inst. Music Including Tabla & Pakhawaj)	197	100	V History of Indian and Foreign Music (For Vocal & Instrumental Music Including Tabla & Pakhawaj)	397	100
II (a) Critical Study of Ragas and Talas (For Vocal and Stringed instruments)	198	100	VI (a) Critical Study of Ragas and Southern Talas (For Vocal and Stringed instruments)	398	100
Or			Or		
(b) Critical Study of Talas (For Tabla and Pakhawaj)	199	100	(b) Critical Study of Talas (For Tabla & Pakhawaj)	399	100
PRACTICAL (VIVA-VOCE)	797	150	VII PRACTICAL (VIVA - VOCE)	897	150
STAGE PERFORMANCE	798	150	VIII STAGE PERFORMANCE	898	150

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Syllabus amended of Ist year from session 2003-04 and for II year from the session 2004-05 on U.G.C. pattern.

SALIENT POINTS FOR B.Sc. STUDENTS

Subjects to be Offered	Every student must offer three main subjects with Foundation course and Qualifying course as prescribed in the syllabus.																						
Pass Percentage to be Obtained	One must obtain 33% marks both in theory and practical separately in each subject and also in Qualifying Courses as follows: -																						
	<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Maximum Marks</td> <td style="width: 5%;">100</td> <td style="width: 5%;">75</td> <td style="width: 5%;">70</td> <td style="width: 5%;">60</td> <td style="width: 5%;">50</td> <td style="width: 5%;">40</td> <td style="width: 5%;">35</td> <td style="width: 5%;">30</td> <td style="width: 5%;">25</td> <td style="width: 5%;">20</td> </tr> <tr> <td>Minimum Marks</td> <td>33</td> <td>25</td> <td>23</td> <td>20</td> <td>17</td> <td>13</td> <td>12</td> <td>10</td> <td>09</td> <td>07</td> </tr> </table>	Maximum Marks	100	75	70	60	50	40	35	30	25	20	Minimum Marks	33	25	23	20	17	13	12	10	09	07
Maximum Marks	100	75	70	60	50	40	35	30	25	20													
Minimum Marks	33	25	23	20	17	13	12	10	09	07													
Provision for Grace Marks	<p>5 Marks - In one main theory subject & foundation course Or In two main theory subjects</p> <p>3 Marks - In case of short of aggregate</p> <p>3 Marks - In case of short of division.</p> <p>No provision of grace marks in practical.</p> <p>Note : The grace marks shall not be added to the total marks obtained by a candidate.</p>																						
Percentage Prescribed for Awarding	<table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">First Division</td> <td style="width: 10%;">-</td> <td style="width: 50%;">60% Marks</td> </tr> <tr> <td>Second Division</td> <td>-</td> <td>45% Marks</td> </tr> <tr> <td>Third Division</td> <td>-</td> <td>33% Marks</td> </tr> </table>	First Division	-	60% Marks	Second Division	-	45% Marks	Third Division	-	33% Marks													
First Division	-	60% Marks																					
Second Division	-	45% Marks																					
Third Division	-	33% Marks																					
Eligibility for Appearing in Back Paper Examination	A student who secures 33 % marks in one main subject and fails in other two main subjects and Foundation course but he passes adding prescribed grace marks in one or two main subjects or one main subject and Foundation course, is eligible for back paper examination. If a student fails in Qualifying course, he / she will also be eligible for back paper examination alongwith main subjects. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.																						
Prescribed Limit for Completion of the Degree	B.Sc. within six years from the academic session in which a student sought admission.																						
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.																						
Filling of Examination Form	<p>Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list.</p> <p>Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.</p>																						
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session.																						
Maximum Aggregate Marks	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"></td> <td style="width: 35%; text-align: center;">Maximum Marks</td> <td style="width: 35%; text-align: center;">Pass Marks</td> </tr> <tr> <td style="text-align: right;">Part I</td> <td style="text-align: center;">700</td> <td style="text-align: center;">231</td> </tr> <tr> <td style="text-align: right;">Part II</td> <td style="text-align: center;">550</td> <td style="text-align: center;">182</td> </tr> <tr> <td style="text-align: right;">Part III</td> <td style="text-align: center;">450</td> <td style="text-align: center;">149</td> </tr> </table>		Maximum Marks	Pass Marks	Part I	700	231	Part II	550	182	Part III	450	149										
	Maximum Marks	Pass Marks																					
Part I	700	231																					
Part II	550	182																					
Part III	450	149																					

(20)

C.C.S. University, Meerut

B.Sc. – I, II & III (Exam. Code 'B')

Code List 2011 – 12

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
BOTANY								
I Diversity of Viruses, Bacteria & Fungi	101	50	IV Palaeobotany and Gymnosperms	201	33	VII Plant Physiology and Biochemistry	301	33
II Diversity of Algae, Lichens & Bryophytes	102	50	V Systematics of Angiosperms	202	33	VIII Ecology and Utilization of Plants	302	33
III Diversity of Pteridophytes & Gymnosperms	103	50	VI Structure, Development and Reproduction in Seed Plants	203	34	IX Plant Breeding & Bio-technology	303	34
PRACTICAL	401	50	PRACTICAL	501	50	PRACTICAL	601	50
(Only for Ex & old Course Candidate)								
I Diversity of Microbes, Fungi and Lichens	101 (old)	33						
II Cryptogams (Algae, Bryophyta and Pteridophyta)	102 (old)	33						
III Cell Biology & Genetics	103 (old)	34						
PRACTICAL	401 (old)	50						
DEFENCE STUDIES								
I Art of War in India (upto 1947)	104	75	III Indian Military History	204	50	V Modern Warfare	304	50
II Evaluation of Armament and Western Art of Warfare	105	75	IV Defence Organization in India	205	50	VI National Defence	305	50
PRACTICAL (Map Reading)	404	50	PRACTICAL	504	50	PRACTICAL	604	50
(Only for Ex & old Course Candidate)								
I Warfare in the West	104 (old)	50						
II War in International Relations Since 1945 AD	105 (old)	50						
PRACTICAL	404 (old)	50						
CHEMISTRY								
I Inorganic Chemistry	106	50	IV Inorganic Chemistry	206	33	VII Inorganic Chemistry	306	33
II Organic Chemistry	107	50	V Organic Chemistry	207	33	VIII Organic Chemistry	307	33
III Physical Chemistry	108	50	VI Physical Chemistry	208	34	IX Physical Chemistry	308	34
PRACTICAL	406	50	PRACTICAL	506	50	PRACTICAL	606	50
(Only for Ex & old Course Candidate)								
I Inorganic Chemistry	106 (old)	33						
II Organic Chemistry	107 (old)	33						
III Physical Chemistry	108 (old)	34						
PRACTICAL	406 (old)	50						

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
GEOGRAPHY								
I Physical Geography II Human Geography PRACTICAL (Only for Ex & old Student) I Physical Geography II Human Geography PRACTICAL	111 112 711 111 (old) 112 (old) 711 (old)	75 75 50 50 50 50	III Geography of Resources and Environment IV Geography of India PRACTICAL	211 212 811	50 50 50	V Geography of Monsoon Asia (Excluding India) VI Any one from the following papers: (a) Population Geography (b) Agriculture Geography (c) Geography of Rural Settlements (d) Applied Geography PRACTICAL	511 512 513 514 515 911	50 50 50 50 50
INDUSTRIAL MICROBIOLOGY (* under U.G.C. Scheme)								
I Fundamentals of Microbiology II Microbial Physiology and Bio-chemistry III Tools and Techniques in Microbiology PRACTICAL (Only for Ex & old Student) I Fundamentals of Industrial Microbiology, Instrumentation & Biostatistics II Microbial Genetics, Molicular Biology & Biochemistry PRACTICAL	113 114 115 413 113 (old) 114 (old) 413 (old)	50 50 50 50 50 50 50	III Microbial Psysiology and Environmental Microbiology IV Food Dairy & Agricultural Microbiology PRACTICAL	213 214 513	50 50 50	V Fermentation Technology & Industrial Microbiology VI Medical Microbiology & Immunology PRACTICAL	313 314 613	50 50 50
PHYSICS								
I Mechanics and Wave Motion II Kinetic Theory and Thermodynamics III Circuit Fundamentals and Basic Electronics PRACTICAL (Only for Ex & old Student) I Mechanics and Relativity II Electricity, Magnetism and Electromagnetic Theory III Mathematical Methods, Oscillations & Waves PRACTICAL	116 117 118 416 116 (old) 117 (old) 118 (old) 416 (old)	50 50 50 50 33 33 34 50	IV Kinetic Theory & Thermodynamics V Optics VI Quantum Mechanics & Statistical Mechanics PRACTICAL	216 217 218 516	33 33 34 50	VII Atomic, Molecular & Laser Physics VIII Solid State & Nuclear Physics IX Solid State Devices & Electronics PRACTICAL	316 317 318 616	33 33 34 50

C.C.S. University, Meerut

Code List 2011 – 12 Exam. B.Sc.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
ZOOLOGY								
I Lower Non Chordata (Protozoa Helminths)	120	50	IV Developmental Biology	220	33	VII Evolution and Animal Behaviour	320	33
II Higher Non Chordata (Annelida-Echinodermata)	121	50	V Chordata	221	33	VIII Biochemistry & Physiology	321	33
III Cell Biology and Genetics	122	50	VI Molecular Biology & Tools & Techniques	222	34	IX Biotechnology	322	34
PRACTICAL	420	50	PRACTICAL	521	50	PRACTICAL	621	50
(Only for Ex & old Student)								
I Non-Chordata	120 (old)	33						
II Cell Biology & Genetics	121 (old)	33						
III Ecology & Wild Life Biology	122 (old)	34						
PRACTICAL	420 (old)	50						
* BIOLOGICAL TECHNIQUES & SPECIMEN PREPARATION (* under U.G.C. Scheme)								
I General Laboratory & Biological Techniques	123	75	III Preparation of Biological Specimens of Plants & Animal	223	50	V Teaching Laboratory Techniques & Tissue Culture Techniques	323	50
II Electronics, Radiological & Biochemical Techniques	124	75	IV Preparation of Permanent Slide, Production and marketing of Biological Specimens	224	50	VI Advanced Instrumentation & Entrepreneurship	324	50
PRACTICAL	423	50	PRACTICAL	523	50	PRACTICAL	623	50

* This Course is introduced at the I.P. College, Bulandshahr. B.T. & S.P. in lieu of Chemistry with Botany & Zoology.

MATHEMATICS

I Algebra and Trigonometry	126	65	IV Advanced Calculus	226	50	VII Analysis	526	50
II Calculus	127	65	V Differential Equations	227	50	VIII Abstract and Linear Algebra	527	50
III Geometry and Vector Calculus	128	70	VI Mechanics	228	50	IX Any one from the following papers:		
(Only for Ex & old Student)								
I Trigonometry and Algebra	126 (old)	50				(a) Computer Fundamentals and Numerical Analysis	528	50
II Calculus	127 (old)	50				(b) Discrete Mathematics	529	50
III Geometry and Vectors	128 (old)	50				(c) Applications of Mathematics in Finance and Insurance	530	50
						(d) Linear Programming	531	50

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Code List 2011 – 12 Exam. B.Sc.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
* GEOLOGY								
I Physical Geology	136	50	IV Petrology	236	34	VII Economic Geology	336	34
II Structural Geology	137	50	V Palaeontology	237	33	VIII Applied Geology	337	33
III Crystallography and Mineralogy	138	50	VI Stratigraphy	238	33	IX Environmental Geology	338	33
PRACTICAL	436	50	PRACTICAL	536	50	PRACTICAL	636	50
(Only for Ex & old Student)								
I Physical Geology	136 (old)	34						
II Crystallography and Mineralogy	137 (old)	34						
III Structural Geology	138 (old)	33						
PRACTICAL	436 (old)	50						
ECONOMICS								
I Principles of Economics Analysis	145	100	III Micro Economics	245	75	V Macro Economics	345	75
II Indian Economic Problems	146	100	IV Indian Economics	246	75	VI Money, Banking & Public Finance	346	75
(Only for Ex & old Student)								
I Introduction to Statistics	145 (old)	75						
II History of Economics Thoughts	146 (old)	75						
INDUSTRIAL CHEMISTRY (*under UGC Scheme)								
I Industrial Aspects of Organic and Inorganic Chemistry	153	50	IV Material Science & Instrumentation Process	253	35	VII Chemical Process Economics and Industrial Organization	353	25
II Industrial Aspects of Physical Chemistry, Material and Energy Balances	154	50	V Industrial Aspects of Chemical Process	254	35	VIII Industrial Chemical Analysis	354	25
III Unit Operations, Utilities, Fluid Flow and Heat Transport in Chemical Industry	155	50	VI Industrial Pollution & Waste Management	255	30	IX Heavy and Fine Inorganic Chemicals Or	355	25
PRACTICAL	453	50	PRACTICAL Entrepreneurship & Industrial Projects	553	25	Detailed Study of Polymer	455	25
(Only for Ex & old Student)								
I Industrial Aspects of Chemistry	153 (old)	35		554	25	X Heavy and Fine Inorganic Chemicals Or	359	25
II Materials, Energy Balance & Unit Operations in Chemical Industry	154 (old)	35				Physical Properties of Polymer	459	25
III Utilities and Fluid flow & Heat Transport in Industry	155 (old)	30				PRACTICAL Entrepreneurship & Industrial Projects	653	25
PRACTICAL Entrepreneurship & Industrial Projects	453 (old)	25					654	25
	454 (old)	25						

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
FOOD SCIENCE & QUALITY CONTROL (* under UGC Scheme)								
I Basic Nutrition Food	156	50	IV Food Preservation	256	33	VII Food Analysis	356	33
II Food Commodities & Food Chemistry	157	50	V Sensary Evaluation & Analytical	257	33	VIII Introduction to food Manufacture	357	33
III Sanitation, Hygiene & Food Microbiology	158	50	VI Packing Material Testing	258	34	IX Food Toxicology, Food Adultration and Testing	358	34
PRACTICAL	456	50	PRACTICAL & PROJECT	556	50	PRACTICAL	656	50
Qualifying Course								
Entrepreneurship Development	159	50						
COMPUTER APPLICATION (* under UGC Scheme)								
I Computer Fundamentals and Internet	192	50	III Data Base Management System & Structure, Programme, Business & Accommodation I	292	50	V Computer Aided Drafting & Advanced Topics in Computer	392	50
II Data Communication	193	50						
III Programming in C	490	50	IV Data Base Management II and Computer Graphics	293	50	VI Entrepreneurship Development	393	50
PRACTICAL			PRACTICAL & PROJECT	592	50	PRACTICAL	692	50
Elaborative M.S. Office and 'C' Programming	492	50						
(Only for Ex & old Student)								
I Computer Fundamentals & Introduction to I.B.M. PC	192 (old)	50						
II Operating Systems & Business Data Processing	193 (old)	50						
PRACTICAL	492 (old)	50						
STATISTICS								
I Statistical Methods	194	50	III Sample Survey & Analysis and Design & Experiments	294	50	V Applied Statistics	394	50
II Probability	195	50	IV Statistical Inference	295	50	VI Computational Techniques	395	50
III Probability Distribution and Theory of Attributes	196	50	PRACTICAL	594	50	PRACTICAL	694	50
PRACTICAL	494	50						
(Only for Ex & old Student)								
I Descriptive Statistics	194 (old)	50						
II Probability Theory	195 (old)	50						
PRACTICAL	494 (old)	50						
*MICROBIOLOGY								
I Microbial Diversity-I	141	50	IV Instrumentation and Bioanalytical Techniques	241	33	VII Immunology & Medical Microbiology	341	33
II Microbial Diversity-II	142	50	V Cell Biology, Microbial Genetics and Molecular Biology	242	33	VIII Food, Dairy and Agricultural Microbiology	342	33
III Pest Management and Parasitology	143	50	VI Microbial Physiology & Metabolism	243	34	IX Industrial and Environmental Microbiology	343	34
PRACTICAL	541	50	PRACTICAL	641	50	PRACTICAL	741	50

*This course is introduced at the Govt. (P.G.) College, Noida. (Microbiology in lieu of Zoology with Botany & Chemistry.)

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Code List 2011 – 12 Exam. B.Sc.

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
FOUNDATION COURSES								
I Bhartiya Sanskriti Evam Rashtra Gaurav	009	100	A candidate will have to select one of the following foundation courses:- 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit	011 012 013	100 100 100	(Only for Old Students) 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit 2 Indian Culture and Philosophy 3 Indian Society and Political System 4 Environment and Conservation of Natural Resources 5 Health and General Science 6 Indian Economy and Management	011 (old) 012 (old) 013 (old) 014 (old) 015 (old) 016 (old) 017 (old) 018 (old)	100 100 100 100 100 100

QUALIFYING COURSES

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
I ☼Environmental Studies II Sports & Physical Education	B-008 B-001	100 100	I General Awareness II Sports & Physical Education	B 010 B 002	100 100	III Sports & Physical Education	B 003	100

☼ क्वालिफाईंग कोर्स के अन्तर्गत संचालित "पर्यावरण-अध्ययन" कोड सं०-008 केवल प्रथम वर्ष के छात्र/छात्राओं के लिए ही अनिवार्य है परन्तु ऐसे छात्र/छात्रायें जो प्रथम वर्ष में उक्त विषय की परीक्षा उत्तीर्ण नहीं कर पाये हैं, ऐसे छात्र/छात्रायें इस विषय (कोड संख्या -008) की परीक्षा बैंक पेपर परीक्षा अथवा द्वितीय वर्ष या तृतीय वर्ष की परीक्षा में सम्मिलित होकर उत्तीर्ण कर सकते हैं।

► नोट :-

- शासनादेश संख्या 2193/सत्तर-2-2004-16 (24)/2004 दिनांक 30.06.2004 तथा विश्वविद्यालय के पत्रांक सम्बद्धता-1332 दिनांक 20.09.2004 एवं पत्रांक परीक्षा संस्थागत/248 दिनांक 04.10.2004 के संदर्भ में संस्थागत छात्रों के लिए सत्र 2004-05 से खेलकूद एवं शारीरिक शिक्षा का विषय स्नातक स्तर (बी०ए०,बी०एस-सी,०बी०कॉम०) के पाठ्यक्रमों में अनिवार्य है। खेल कूद एवं शारीरिक शिक्षा विषय की तीनों वर्षों की परीक्षाएँ पृथकतः उत्तीर्ण करना आवश्यक है तथा तृतीय भाग तक उत्तीर्ण न कर पाने की स्थिति में छात्र अनुत्तीर्ण माना जायेगा।
- विकलांग छात्रों द्वारा मुख्य चिकित्साधिकारी द्वारा प्रदत्त प्रमाण पत्र महाविद्यालय में जमा करने पर इस पाठ्यक्रम से छूट रहेगी।

SALIENT POINTS FOR M.Sc. STUDENTS

Subjects to be Offered	Every student must offer all the papers prescribed in the syllabus provided by the University and as available in the colleges.						
Pass Percentage to be Obtained	One must obtain 36% marks in aggregate of all the theory papers and in each practical & Viva-Voce separately.						
Provision for Grace Marks	3 Marks - In case of short of aggregate 3 Marks - In case of short of division. No provision of grace marks in practicals & Viva-Voce. Note : The grace marks shall not be added to the total marks obtained by a candidate.						
Percentage Prescribed for Awarding	First Division - 60% Marks Second Division - 48% Marks Third Division - 36% Marks						
Eligibility for Appearing in Back Paper Examination	A candidate is eligible to appear in back paper examination in one paper if the prescribed No. of papers in a year is less than 6 and in two papers if the prescribed No. of papers is 6 or more. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination shall be awarded.						
Prescribed Limit for Completion of the Degree	M.Sc. within four years from the academic session in which a student is sought admission.						
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.						
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list. Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and in legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.						
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers and their codes must be according to the code list and not the syllabus.						
Maximum Aggregate Marks	<table border="0" style="margin-left: 100px;"> <tr> <td>Maximum Marks</td> <td>550</td> <td>450</td> </tr> <tr> <td>Minimum Aggregate Marks</td> <td>198</td> <td>162</td> </tr> </table>	Maximum Marks	550	450	Minimum Aggregate Marks	198	162
Maximum Marks	550	450					
Minimum Aggregate Marks	198	162					

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
BOTANY (01)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Microbiology, Mycology & Plant Pathology	101	50	VII Plant Development & Reproduction	301	50
II Phycology, Lichens and Bryology	102	50	VIII Plant Physiology & Biochemistry	302	50
III Pteridophytes, Gymnosperms & palaeobotany	103	50	IX Cytology, Genetics & Molecular Biology	303	50
IV Taxonomy of Angiosperms	201	50	X Biotechnology & Genetics Engineering	401	50
V Plant Resource Utilization & Conservation	202	50	XI Plant Breeding & Biometrics	402	50
VI Plant Ecology & Remote Sensing	203	50	XII Elective Papers :- (Any one from the following papers)		
			1. Industrial Microbiology	403	50
			2. Botanical Techniques	404	50
			3. Tissue Culture	405	50
PRACTICAL	501	150	Or		
			XIII Project Work	406	50
			PRACTICAL	601	150
			Note : 1. Only those who have secured 55% Marks in M.Sc. Previous may opt Project Work in lieu of one elective paper.		
CHEMISTRY (07)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Inorganic Chemistry	107	50	VIII Analytical Chemistry (Compulsory for all Branches)	307	50
II Organic Chemistry	108	50	Any one group from the following		
III Physical Chemistry	109	50	Group A: Inorganic Chemistry		
IV Group Theory, Spectroscopy & Diffraction Methods	207	50	IX Application of Spectroscopy	308	50
V Mathematics for Chemists (For Students without Maths in B.Sc.)	208	50	X Bio-inorganic Chemistry	309	50
or			PRACTICAL	608	150
Biology for Chemist (For students without Biology in B.Sc.)	209	50	Group B : Organic Chemistry		
VI Environmental Chemistry	210	50	IX Photochemistry	310	50
PRACTICAL	507	150	X Bio-organic Chemistry	311	50
			PRACTICAL	610	150
			Group C : Physical Chemistry		
			IX Solid State Chemistry	312	50
			X Bio-physical Chemistry	313	50
			PRACTICAL	612	150
			XI, XII & XIII Any three elective papers from the following :		
			1. Organotransition Metal Chemistry	407	50
			2. Bioinorganic and Supramolecular Chemistry	408	50
			3. Photoinorganic Chemistry	409	50
			4. Organic Synthesis -I	410	50
			5. Organic Synthesis -II	411	50
			6. Hetrocyclic Chemistry	412	50
			7. Chemistry of natural products	413	50
			8. Medicinal Chemistry	414	50
			9. Physical Organic Chemistry	415	50
			10. Chemistry of Materials	416	50
			11. Computational Chemistry	417	50
			12. Advanced Quantum Chemistry	418	50
			13. Liquid State	419	50
			14. Polymers	420	50

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
PHYSICS (27)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Mathematical Physics	127	50	VII Atomic, Molecular & Laser Physics	327	50
II Classical Mechanics	128	50	VIII Statistical Mechanics	328	50
III Electronics	129	50	IX Nuclear Physics	329	50
IV Quantum Mechanics-I	227	50	X Quantum Mechanics –II	330	50
V Solid State Physics	228	50	XI Special paper-I (Any one from the following papers)		
VI Classical Electromagnetic Theory & Electro Dynamics	229	50	(a) Spectroscopy (Elective-I)	422	50
			(b) Electronics (Elective-I)	423	50
PRACTICAL	527	150	(c) Solid State Physics (Elective-I)	424	50
			(d) Nuclear Physics (Elective-I)	425	50
			XII Special paper-II (Any one from the following papers)		
			(a) Spectroscopy (Elective-II)	426	50
			(b) Electronics (Elective-II)	427	50
			(c) Solid State Physics (Elective-II)	428	50
			(d) Nuclear Physics (Elective-II)	429	50
			PRACTICAL	627	150
STATISTICS (32)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Mathematical Analysis : Matrices, Difference Equations and Laplace Transforms	132	50	VII Multivariate Analysis	332	50
II Probability Theory & Stochastic Processes	133	50	VIII Any one from the following papers :		
III Sampling Techniques	134	50	(a) Advanced theory of Experimental Design	333	50
IV Probability Distributions	234	50	(b) Medical Statistics	334	50
V Linear Estimation & Designs of Experiments	235	50	(c) Computer Programming & Application	335	50
VI Statistical Inference –I	236	50	IX Operations Research	336	50
PRACTICAL : Based on courses I, II & III	532	75	X Any one from the following papers :		
PRACTICAL : Based on courses IV, V & VI	533	75	(a) Time Series & S.Q.C.	337	50
			(b) Economics Statistics & Demography	338	50
			(c) Econometric Theory	339	50
			XI Any one from the following papers:		
			(a) Statistical Inference –II	340	50
			(b) Bayesian Inference	341	50
			(c) Actuarial Statistics	342	50
			XII Any one from the following papers:		
			(a) Project & Seminar	343	50
			(b) Mathematical Programming	344	50
			(c) Reliability Theory	345	50
			Note: A student can opt. for XII (a) Project & Seminar only if he obtain at least 55% marks in M.Sc. (Previous)		
			PRACTICAL: Based on courses VII & VIII	632	75
			PRACTICAL: Based on courses IX, X & XI	633	75

Note: - 5% marks relaxation is allowed for offering dissertation for SC/ST Candidates as per decision of Exam. Committee dt. 22-09-2001. Syllabus amended of Ist year from the session 2003 – 04 and II year from the session 2004 – 05 on U.G.C. pattern.

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
MATHEMATICS (49)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Topology	149	75	VII Integration Theory and Functional analysis	349	75
II Real Analysis	150	75	VIII Fluid Dyanamics	350	75
III Discrete Mathematics	151	75	IX Oprations Research	351	75
IV Complex Analysis	152	75	Select one course from each group :		
V Any one from the following papers :			X Group A		
(a) Differential Equations	153	75	(a) Difference Equations	449	75
(b) Differential Geometry	154	75	(b) Integral Equations and Boundary Value Problems	450	75
(c) Mechanics	155	75	(c) Wavelets	451	75
VI Any one from the following papers :			(d) Information Theory and Reliability Theory	452	75
(a) Advanced abstract Algebra	156	75	XI Group B		
(b) Theory of Numbers	157	75	(a) Computer Programming & Data Structure	453	75
(c) Mathematical Statistics	158	75	(b) Non-Linear Programming	454	75
			(c) Spherical Astronomy & Space Dynamics	455	75
			(d) Fuzzy Set Theory, Fuzzy Logics & their Applications	456	75
			XII Group C		
			(a) Mathematics Modelling	457	75
			(b) Partial Differantial Equation	458	75
			(c) Bio-Mathematics	459	75
			(d) Mathematics of Finance & Insurance	460	75
			XIII Group D		
			Dissertation	849	75
			1. A student who secure minimum 55% Marks in M.Sc. Previous is eligible to offer dissertation in lieu of any optional paper from group A/B/C		
			2. To be submitted before 31 st March.		
			3. It can be offered in place of one optional paper.		
			XI Viva-Voce		
				850	100
ZOOLOGY (62)					
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Comprative Structure & Function of Non Chordata	162	50	VII Comparative Anatomy of Chordates	362	50
II Biosystematics & Taxonomy	163	50	VIII Developmental Biology	363	50
III Advanced Cell Biology	164	50	IX Evolutionary Biology & Palaeontology	364	50
IV Genetics & Biotechnology	262	50	X Environmental Biology & Animal Behaviour	365	50
V Biochemistry & Physiology	263	50	XI Any one from the following papers:		
VI Molecular Biology	264	50	(a) Fish & Fishers (General)	432	50
PRACTICAL	562	150	(b) Entomology (General)	433	50
			(c) Parasitology (General)	434	50
			(d) Cytology & Cytogenetics (General)	435	50
			XII Any one from the following papers :		
			(a) Fish & Fishers (Applied)	437	50
			(b) Entomology (Applied)	438	50
			(c) Parasitology (Applied)	439	50
			(d) Cytology & Cytogenetics (Applied)	440	50
			PRACTICAL	662	150

Note :- 5% marks relaxation is allowed for offering dissertation for SC/ST Candidates as per decision of Exam. Committee dt. 22-09-2001

SALIENT POINTS FOR B.Com. STUDENTS**Subjects to be Offered**

Every student shall offer three main groups with Foundation course and Qualifying courses in B.Com. Part-I. Three main groups are Commerce Group, Accounts Group and Management Group. Accounts Group and Management Group are compulsory, but in place of Commerce Group, candidates can offer one U.G.C. sponsored vocational course from Business Administration Group/Marketing Group/T.T.M. or Computer Application.

Pass Percentage to be Obtained

One must obtain 33% marks separately in every group of theory papers, practical, viva – voce & qualifying courses also as follows:-

Maximum Marks	100	75	70	60	50	40	30	25
Minimum Marks	33	25	23	20	17	13	10	09

Provision for Grace Marks

5 Marks - In one main theory subject & Foundation course

Or

3 Marks - In two main theory subjects

3 Marks - In case of short of aggregate

3 Marks - In case of short of division.

No provision of grace marks in practical & Viva-Voce.

Note : The grace marks shall not be added to the total marks obtained by a candidate.

Percentage Prescribed for Awarding Division

First Division - 60% Marks

Second Division - 45% Marks

Third Division - 33% Marks

Eligibility for Appearing in Back Paper Examination

A student who secures 33 % marks in one main subject and fails in other two main subjects and Foundation course but he passes adding prescribed grace marks in one or two main subjects or one main subject and Foundation course, is eligible for back paper examination. If a student fails in Qualifying course, he / she will also be eligible for back paper examination along with main subjects. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.

Prescribed Limit for Completion of the Degree

B.Com. within six years from the academic session in which a student is sought admission.

Change of Subjects

No student shall be allowed to change the subject after filling the examination form.

Filling of Examination Form

Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list.

Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.

Syllabus Prescribed for the Examination

All the students shall appear in the examination as per prescribed syllabus for this academic session.

Titles of the Question Papers and their codes must be according to the code list and not as mentioned in the syllabus.

Maximum Aggregate Marks

	Maximum Marks	Pass Marks
Part I	700	231
Part II	400	132
Part III	300	99

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C.C.S. University, Meerut

B.Com. – I, II & III (Exam. Code 'C')

Code List 2011 – 12

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
GROUP – A			COMMERCE GROUP			COMMERCE GROUP		
I Business Communication	101	100	I Company Law	201	50	I Auditing	301	50
II Business Statistics	102	100	II Income Tax	202	50	II Money & Public Finance	302	50
(Only for Ex & old Student)								
COMMERCE GROUP								
I Business Communication	101 (old)	50						
II Business Regulatory Framework	102 (old)	50						

*OR***BUSINESS ADMINISTRATION GROUP**

I Industrial Management	185	100	XI Quantitative Techniques	285	50	XVIII Entrepreneurship Development	385	50
Or			Or			Or		
Business Mathematics	186	100	*Computer Fundamentals	286	50	*Computer Application	386	50
II Business Statistics	187	100	XII Business Economics	287	50	XX Business Finance	387	50

* Those candidates having code 286 in B.Com. II are eligible to offer code 386 in B.Com. III.

*OR***MARKETING GROUP (Under U.G.C. Scheme)**

I Marketing Communication	188	75	VII Personal Selling & Salesmanship	288	25	IX Management of Sales Forces	388	25
II Advertising –I	189	75	VIII Advertising –II	289	25	X Entrepreneurship Development	389	25
PRACTICAL	788	50	PRACTICAL	888	50	Dissertation	984	25
						Viva-Voce	988	25

*OR***TOURISM & TRAVEL MANAGEMENT (Under U.G.C. Scheme)**

I Tourism Business	190	60	VII Tourism Marketing	290	30	IX Emergine Concepts for	390	30
II Tourism Products	191	60	VIII Travel Agency, Tour			Effective Tourism Development		
			Business & Accommodation	291	30	X Information, Communication	391	30
PRACTICAL	790	80	PRACTICAL	890	40	& Automation		
						PRACTICAL	990	40

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks

OR

COMPUTER APPLICATION (*under UGC Scheme)

I Computer Fundamentals and Internet	192	50	VII Data Base Management System & Structure, Programme, Business & Accommodation	292	25	IX Computer Aided Drafting & Advanced Topics in Computer	392	25
II Data Communication	193	50				X Entrepreneurship Development	393	25
III Programming in C	490	50	VIII Data Base Management II and computer Graphics	293	25			
PRACTICAL Elaborative M.S. Office and 'C' Programming	792	50	PRACTICAL	892	50	PRACTICAL	992	50
(Only for Ex & old Student)								
I Computer Fundamentals & Introduction to I.B.M. PC	192 (old)	50						
II Operating Systems & Business Data Processing	193 (old)	50						
PRACTICAL	792 (old)	100						

► NOTE :- U.G.C. Sponsored Vocational Courses i.e. Business Administration / Marketing/ T.T.M. & Computer Application will be offered in place of Group A/ Commerce Group.

COMPULSORY PAPERS

GROUP – B			ACCOUNTS GROUP			ACCOUNTS GROUP		
III Financial Accounting	103	100	I Corporate Accounting	203	50	I Management Accounting	303	50
IV Business Regulatory Framework	104	100	II Cost Accounting	204	50	II Information Technology	304	50
GROUP – C			MANAGEMENT GROUP			MANAGEMENT GROUP		
V Business Economics	105	100	I Business Statistics	205	50	I Principles of Marketing	305	50
VI Business Environment	106	100	II Entrepreneurship Development	206	50	II Principles of Finance	306	50
Or								
(Only for Ex & old Student)								
ACCOUNTS GROUP						Or		
I Financial Accounting	103 (old)	50				I Fundamentals of Insurance	307	50
II Business Mathematics	104 (old)	50				II Indian Banking System	308	50
MANAGEMENT GROUP						Or		
I Business Economics	105 (old)	50				I Internet & World Wide Web	309	50
II Business Environment	106 (old)	50				II Essentials of E-Com.	310	50

(33)

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks

FOUNDATION COURSES

I Bhartiya Sanskriti Evam Rashtra Gaurav	009	100	A candidate will have to select one of the following foundation courses:- 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit	011	100	(Only for Old Students) 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit 2 Indian Culture and Philosophy 3 Indian Society and Political System 4 Environment and Conservation of Natural Resources 5 Health and General Science 6 Indian Economy and Management	011 (old)	100
				012	100		012 (old)	100
				013	100		013 (old)	100
							014 (old)	100
							015 (old)	100
							016 (old)	100
							017 (old)	100
							018 (old)	100

QUALIFYING COURSES

I Environmental Studies	C-008	100	I General Awareness	C 010	100	III Sports & Physical Education	C 003	100
II Sports & Physical Education	C-001	100	II Sports & Physical Education	C 002	100			
III Elementary Accounts	C-180 (old)	50						

☼ क्वालिफाईंग कोर्स के अन्तर्गत संचालित "पर्यावरण-अध्ययन" कोड सं०-008 केवल प्रथम वर्ष के छात्र/छात्राओं के लिए ही अनिवार्य है परन्तु ऐसे छात्र/छात्रायें जो प्रथम वर्ष में उक्त विषय की परीक्षा उत्तीर्ण नहीं कर पाये हैं, ऐसे छात्र/छात्रायें इस विषय (कोड संख्या -008) की परीक्षा बैंक पेपर परीक्षा अथवा द्वितीय वर्ष या तृतीय वर्ष की परीक्षा में सम्मिलित होकर उत्तीर्ण कर सकते हैं।

► नोट :-

- शासनादेश संख्या 2193/सत्तर-2-2004-16 (24)/2004 दिनांक 30.06.2004 तथा विश्वविद्यालय के पत्रांक सम्बद्धता-1332 दिनांक 20.09.2004 एवं पत्रांक परीक्षा संस्थागत/248 दिनांक 04.10.2004 के संदर्भ में संस्थागत छात्रों के लिए सत्र 2004-05 से खेलकूद एवं शारीरिक शिक्षा का विषय स्नातक स्तर (बी0ए0,बी0एस-सी,0बी0कॉम0) के पाठ्यक्रमों में अनिवार्य है। खेल कूद एवं शारीरिक शिक्षा विषय की तीनों वर्षों की परीक्षाएँ पृथकतः उत्तीर्ण करना आवश्यक है तथा तृतीय भाग तक उत्तीर्ण न कर पाने की स्थिति में छात्र अनुत्तीर्ण माना जायेगा।
- विकलांग छात्रों द्वारा मुख्य चिकित्साधिकारी द्वारा प्रदत्त प्रमाण पत्र महाविद्यालय में जमा करने पर इस पाठ्यक्रम से छूट रहेगी।

SALIENT POINTS FOR M.Com. STUDENTS

Subjects to be Offered	Every student must offer all the papers prescribed in the syllabus provided by the University and as available in the colleges.						
Pass Percentage to be Obtained	One must obtain 36% marks in aggregate of all the theory papers and in Viva-Voce separately.						
Provision for Grace Marks	<p>3 Marks - In case of short of aggregate</p> <p>3 Marks - In case of short of division.</p> <p>No provision of grace marks in Viva-Voce.</p> <p>Note : The grace marks shall not be added to the total marks obtained by a candidate.</p>						
Percentage Prescribed for Awarding	<p>First Division - 60% Marks</p> <p>Second Division - 48% Marks</p> <p>Third Division - 36% Marks</p>						
Eligibility for Appearing in Back Paper Examination	<p>A candidate is eligible to appear in back paper examination in one paper if the prescribed No. of papers in a year is less than 6 and in two papers if the prescribed No. of papers is 6 or more.</p> <p>After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination shall be awarded.</p>						
Prescribed Limit for Completion of the Degree	M.Com. within four years from the academic session in which a student is sought admission.						
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.						
Filling of Examination Form	<p>Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list.</p> <p>Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.</p>						
Syllabus Prescribed for the Examination	<p>All the students shall appear in the examination as per prescribed syllabus for this academic session.</p> <p>Titles of the Question Papers and their codes must be according to the code list and not as mentioned in the syllabus.</p>						
Maximum Aggregate Marks	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Maximum Marks</td> <td style="width: 25%;">550</td> <td style="width: 25%;">450</td> </tr> <tr> <td>Minimum Aggregate Marks</td> <td>198</td> <td>162</td> </tr> </table>	Maximum Marks	550	450	Minimum Aggregate Marks	198	162
Maximum Marks	550	450					
Minimum Aggregate Marks	198	162					

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
I Management Concepts & Organizational Behaviour	101	75	VII Computer Application in Business	301	75
II Business Environment	102	75	VIII Corporate Legal Frame Work	302	75
III Managerial Economics	103	75	IX Corporate Tax Planning & Management	303	75
IV Statistical Analysis	104	75	Any one Group from the following:		
V Corporate Financial Accounting	105	75	Group : 'A' (Finance)		
VI Accounting for Managerial Decisions	106	75	X Financial Management	407	75
QUALIFYING COURSE			XI Project, Planning & Control	408	75
Elementary Accounts (Qualifying Course is compulsory for those candidates who have passed B.C.A./ B.A./ B.Sc./ B.Tech. with Economics Or Mathematics or Statistics or Computer as main subject and desire to appear in M.Com.Part –I Examination.)	280	100	XII Security Analysis & Portfolio Management	409	75
			Dissertation (In place of Paper-Project, Planning & Control)	608	75
			Or		
			Group : 'B' (Marketing)		
			XIII Marketing Management	410	75
			XIV Advertising & Sales Management	411	75
			XV International Marketing	412	75
			Dissertation (In place of Paper-Advertising & Sales Manag.)	611	75
			Or		
			Group : 'C' (International Marketing)		
			XVI International Marketing	412	75
			XVII International Business Environment	413	75
			XVIII Foreign Trade Policy, Procedure & Documentation	414	75
			Dissertation (In place of Paper-International Business Environ.)	613	75
			Or		
			Group : 'D' (Human Resource Management)		
			XIX Human Resource Management	415	75
			XX Group Dynamics and Personality Development	416	75
			XXI Labour Reforms and Industrial Relations	417	75
			Dissertation (In place of Paper-Group Dynamics and Personality Development)	616	75
			Viva Voce	901	100

Note : 1. Eligibility for admission to M.Com. is B.Com. & for B.B.A./B.C.A./ B.A./B.Sc./B.Tech. with Maths or Economics or Statistics or Computer.

2. Only those regular students who secured minimum 55% marks in M.Com. Previous can offer dissertation.

3. Dissertation/Project is not allowed for Private Candidate.

Syllabus amended of Ist year from the session 2003 – 04 and II year from the session 2004 – 05 on U.G.C. pattern.

SALIENT POINTS FOR B.Sc. (Ag.) STUDENTS

Subjects to be Offered	Every student must offer six compulsory papers with Foundation course and Qualifying Course as prescribed in the syllabus Foundation Course will be of 100 marks.															
Pass Percentage to be Obtained	One must obtain 33% marks both in theory and Practicals separately in each Paper as follows: - <table border="0" style="margin-left: 20px;"> <tr> <td>Maximum Marks</td> <td>100</td> <td>75</td> <td>50</td> <td>25</td> </tr> <tr> <td>Minimum Marks</td> <td>33</td> <td>25</td> <td>17</td> <td>09</td> </tr> </table>	Maximum Marks	100	75	50	25	Minimum Marks	33	25	17	09					
Maximum Marks	100	75	50	25												
Minimum Marks	33	25	17	09												
Provision for Grace Marks	5 Marks - In one main theory subject & Foundation course Or In two main theory subjects 3 Marks - In case of short of aggregate 3 Marks - In case of short of division. No provision of grace marks in practical. Note : The grace marks shall not be added to the total marks obtained by a candidate.															
Percentage Prescribed for Awarding Division	First Division - 60% Marks Second Division - 45% Marks Third Division - 33% Marks															
Eligibility for Appearing in Back Paper Examination	Those who have failed in two theory papers or in two theory papers and foundation course are only eligible for back paper examination. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.															
Prescribed Limit for Completion of the Degree	B.Sc. (Ag.) within Eight years from the academic session in which a student is sought admission.															
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.															
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list. Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.															
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers & their codes must be according to the code list & not as mentioned in the syllabus.															
Maximum Aggregate Marks	<table border="0" style="margin-left: 20px;"> <thead> <tr> <th></th> <th style="text-align: center;">Maximum Marks</th> <th style="text-align: center;">Pass Marks</th> </tr> </thead> <tbody> <tr> <td>Part I</td> <td style="text-align: center;">550</td> <td style="text-align: center;">182</td> </tr> <tr> <td>Part II</td> <td style="text-align: center;">550</td> <td style="text-align: center;">182</td> </tr> <tr> <td>Part III</td> <td style="text-align: center;">450</td> <td style="text-align: center;">149</td> </tr> <tr> <td>Part IV</td> <td style="text-align: center;">500</td> <td style="text-align: center;">165</td> </tr> </tbody> </table>		Maximum Marks	Pass Marks	Part I	550	182	Part II	550	182	Part III	450	149	Part IV	500	165
	Maximum Marks	Pass Marks														
Part I	550	182														
Part II	550	182														
Part III	450	149														
Part IV	500	165														

Ist Year				IInd Year				IIIrd Year				IVth Year			
Name of Paper	Code No.	Max. Marks		Name of Paper	Code No.	Max. Marks		Name of Paper	Code No.	Max. Marks		Name of Paper	Code No.	Max. Marks	
		Th.	Pr.			Th.	Pr.			Th.	Pr.			Th.	Pr.
(for Ex. & Old Students)															
I Agricultural Chemistry & Soil Science: General Chemistry & Plant Biochemistry	191	50	25	Vegetable Production and Ornamental Horticulture	291	50	25	Agricultural Engineering - I (Farm Power, Farm Machinery & Irrigation Engineering)	391	50	25	Plant Breeding & Crop Systematics	491	50	25
II Rural Sociology and Social Psychology	192	50	25	Fundamentals of Soil Science	292	50	25	Elements of Genetics	392	50	25	Dairy Technology & Quality Control	492	50	25
III Dairy Science & Technology: Livestock Production and Management	193	50	25	Soil and Water Conservation	293	50	25	Fruit Production and Preservation of Fruits and Vegetables	393	50	25	Extension Education & Community Development	493	50	25
IV Plant Physiology, Morphology and Anatomy of Angiosperms	194	50	25	Plant Pathology and Microbiology	294	50	25	Agricultural Chemistry & Soil Science : Soil Fertility & Fertilizers	394	50	25	Plant Production (a) Plant Disease Control (b) Insect, Pest Control	494	50	25
V Principles of Agronomy	195	50	25	Agricultural Economics	295	50	25	Dairy Chemistry and Animal Nutrition	395	50	25	Ag. Engineering – II	495	50	25
VI Agricultural Statistics & Mathematics	196	50	25	Agriculture Zoology & Entomology	296	50	25	Crop Production Management	396	50	25	Farm Management & Production Economics	496	50	25
												Any one of the following:- Fruit & Vegetable Preservation	511	50	--
												Agricultural Communication	512	50	--
												Agricultural Finance	513	50	--
												Problem Soils & their Management	514	50	--
												Seed Production Technology	515	50	--
												Dairy Business Management	516	50	--
												Soild Water Management Technology	517	50	--
												Advanced Plant Breeding	518	50	--

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
FOUNDATION COURSES								
I Bhartiya Sanskriti Evam Rashtra Gaurav	009	100	A candidate will have to select one of the following foundation courses:- 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit	011	100	(Only for Old Students) 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit 2 Indian Culture and Philosophy 3 Indian Society and Political System 4 Environment and Conservation of Natural Resources 5 Health and General Science 6 Indian Economy and Management	011 (old)	100
				012	100		012 (old)	100
				013	100		013 (old)	100
							014 (old)	100
							015 (old)	100
							016 (old)	100
							017 (old)	100
							018 (old)	100

QUALIFYING COURSES

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
I ☀Environmental Studies	D-008	100	General Awareness	D-010	100	--	--	--

☀ क्वालिफाईंग कोर्स के अन्तर्गत संचालित “पर्यावरण-अध्ययन” कोड सं0-008 केवल प्रथम वर्ष के छात्र/छात्राओं के लिए ही अनिवार्य है परन्तु ऐसे छात्र/छात्रायें जो प्रथम वर्ष में उक्त विषय की परीक्षा उत्तीर्ण नहीं कर पाये हैं, ऐसे छात्र/छात्रायें इस विषय (कोड संख्या -008) की परीक्षा बैक पेपर परीक्षा अथवा द्वितीय वर्ष या तृतीय वर्ष की परीक्षा में सम्मिलित होकर उत्तीर्ण कर सकते हैं।

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
(Old Course 2009 – 10)			(Old Course 2010 – 11)		
Agronomy			Agronomy		
Statistical Methods and Experimental Designs	104	50	(i) (a) Agronomy of Rabi Crops	205	100
(i) (a) Field Crops – I	105	100	(b) Agronomy of Fodder, Forage, Medicinal & Aromatic Crops		
(b) Advanced Weed Management			(ii) (a) Modern Concepts of Crop Production	206	100
(ii) (a) Principles and Practices of Water Management	106	100	(b) Soil Conservation and Watershed Management		
(b) Soil Fertility Management			(iii) (a) Seed Production Agronomy	207	100
(iii) (a) Dry – Land Agronomy	107	100	(b) Organic Farming		
(b) Management of Problem Soils					
Dairy Science & Technology			Dairy Science & Technology		
(i) Statistical Methods and Experimental Designs	104	50	(i) Dairy Engineering & Plant Management	211	50
(ii) Dairy Cattle Production	111	50	(ii) Dairy Product – I (Traditional Fermented & Fat Rich)	212	50
(iii) Dairy Chemistry	112	50	(iii) Dairy Product – II (Frozen, Condensed & Dried)	213	50
(iv) Dairy Microbiology	113	50	(iv) Dairy Business Management	214	50
(v) Market Milk Technology	114	50	(v) Quality Assurance	215	50
(vi) Elementry Food Science	115	50	(vi) Utilization of Dairy By Products	216	50
Ag. Botany			Ag. Botany		
(i) Statistical Methods and Experimental Designs	104	50	(i) Population & Bio-Metrical Genetics	221	50
(ii) Principles of Genetics	121	50	(ii) Molecular Genetics	222	50
(iii) Cytology & Cytogenetics	122	50	(iii) Advanced Plant Breeding	223	50
(iv) Principles and Methods of Plant Breeding	123	50	(iv) Plant Bio-Technology	224	50
(v) Seed Production Technology	124	50	(v) Crop Protection	225	50
(vi) Crop Physiology	125	50	(vi) Plant Genetic Resource	226	50
Ag. Chemistry & Soil Science			Ag. Chemistry & Soil Science		
(i) Statistical Methods and Experimental Designs	104	50	(i) Soil Chemistry & Soil Mineralogy	231	100
(ii) Physical Chemistry and Analytical Techniques	131	100	(ii) Soil Fertility & Fertilizers	232	100
(iii) Plant Biochemistry	132	100	(iii) Soil Biology & Soil Pollution	233	100
(iv) Physics, Genesis, Classification and land use Planning	133	100			
Ag. Economics			Ag. Economics		
(i) Statistical Methods and Experimental Designs	104	50	(i) Agricultural Finance and Co-operation	241	50
(ii) Principles of Economics in Relation to Agriculture	141	50	(ii) Research Methods and Agricultural Statistics	242	50
(iii) Economic Structure, Problems and Planning of Indian Agriculture	142	50	(iii) Production Resource Economics	243	50
(iv) Farm Management	143	50	(iv) Agricultural Policy	244	50
(v) Agricultural Marketing and Price Analysis	144	50	(v) Marketing Management for Agriculture	245	50
(vi) Economics of Natural Resources Environment and Sustainability	145	50	(vi) Agricultural Project Planning & Appraisal	246	50

(40)

C.C.S. University, Meerut

Code List 2011 – 12 Exam. M.Sc. (Ag.)

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
(Old Course 2010 – 11)			(Old Course 2010 – 11)		
Ag. Extension			Ag. Extension		
(i) Statistical Methods and Experimental Designs	104	50	(i) Extension Administration	251	50
(ii) Fundamental of Extension Education	151	50	(ii) Programme Planning & Emulation	252	50
(iii) Extension Teaching Methods & A.V. Aids	152	50	(iii) Agricultural Communication	253	50
(iv) Extension Management & Training Methods	153	50	(iv) Research Methods	254	50
(v) Social and Educational Psychology	154	50	(v) Agricultural Journalism	255	50
(vi) Rural Sociology	155	50	(vi) Diffusion & Adoption of Agriculture Innovation	256	50
Horticulture			Horticulture		
(i) Statistical Methods and Experimental Designs	104	50	(i) Fruit Production	261	100
(ii) Vegetable Production	161	100	(ii) Improvement of Horticultural Plants	262	100
(iii) Ornamental Horticulture	162	100	(iii) Preservation of Fruits & Vegetables	263	100
(iv) Nursery Husbandry & Orchard Management	163	100			

SALIENT POINTS FOR B.Ed. STUDENTS

Subjects to be Offered	Every student must offer four compulsory papers prescribed in the syllabus. From course –V, a student must opt. one paper and from course VI & VII (Teaching Methodology), he must opt. one teaching subject from each group. In all, student must opt. seven theory papers.		
Pass Percentage to be Obtained	One must obtain 36% marks in aggregate of all the theory papers and 48% Marks in practical separately.		
Provision for Grace Marks	3 Marks	-	In case of short of aggregate
	3 Marks	-	In case of short of division.
	No provision of grace marks in practical.		
	Note : The grace marks shall not be added to the total marks obtained by a candidate.		
Percentage Prescribed for Awarding		Theory	Practical
	First Division	-	60% Marks
	Second Division	-	48% Marks
	Third Division	-	36% Marks

Eligibility for Appearing in Back Paper Examination	A candidate can appear only in two theory papers for back paper examination. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.		
Prescribed Limit for Completion of the Degree	B.Ed. degree within three years from the academic session in which a student is sought admission.		
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.		
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list. Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.		
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers and their codes must be according to the code list and not as mentioned in the syllabus.		
Maximum Aggregate Marks		Theory	Practical
	Maximum Marks	700	300
	Minimum Aggregate Marks	252	144

Important Note: If a candidate after completing the required percentage of attendance does not appear or does not pass in theory or in practical or both, he/she will be declared to have failed in the examination and will have to appear as an Ex-student in both (theory as well as practical) without attending regular classes.

Name of Paper	Code No.	Max. Marks
I Teacher in Emerging Indian Society	101	100
II Development of Learner & Teaching Learning Process	102	100
III Essential of Educational Technology & Management	103	100
IV Development of Educational System in India	104	100
V-Any one from the following papers: -		
(a) Education & Mental Measurement	205	100
(b) Educational Management & Administration	206	100
(c) Career Information & Career Guidance	207	100
(d) Teaching Values	208	100
(e) Environmental Education	209	100
(f) Computer Education	210	100
(g) Population Education	211	100
(h) Elementary Education	212	100
VI & VII-Teaching Methodology :- Selection of two teaching subject from the following groups. Students have to opt. one teaching Subject from each group.		
GROUP A		
I Teaching of Hindi	313	100
II Teaching of English	314	100
III Teaching of Sanskrit	315	100
IV Teaching of Commerce	317	100
V Teaching of Computer Science	318	100
VI Teaching of Home Science	320	100
VII Teaching of Physical Science	321	100
GROUP B		
I Teaching of Social Studies	316	100
II Teaching of Mathematics	319	100
III Teaching of Biological Science	322	100
VIII PRACTICAL : (Sessional Work) Any five from the following :		
(a) Administration, Scoring & Interpretation of Psychological Test	701	50
(b) Operation of Audio-Visual Equipments		
(c) Construction of Test Items & Examination Question Papers		
(d) Case Study/Action Research		
(e) Scouting & Guiding		
(f) Working with Community		
(g) Participating Cultural Activities		
(h) Physical Exercises, Game & Sports		
IX TEACHING SKILLS :		
Teaching Skills/practice Teaching	702	250
Viva-Voce Examination based on session Works and skills of Teaching will be conducted by the Board of Practical Examiners.		
Internal Assessment by two Subject Supervisors		

Note : Students who have done B.Sc. Home Science will be eligible for obtaining B.Ed. degree. They shall offer subjects such as Biological Science, Physical Science which they did opt. in their B.Sc. Syllabus amended of B.Ed. from the session 2004-05 on U.G.C. pattern.

SALIENT POINTS FOR LL.B. STUDENTS**Subjects to be Offered**

Every student must offer all the papers prescribed in the syllabus provided by the University and as available in the colleges.

Pass Percentage to be Obtained

One must obtain 48% marks in aggregate of all the theory papers and in each practical separately and Minimum 36% marks in each course of theory & Minimum 48% Marks in practical courses separately.

Provision for Grace Marks

5 Marks - In one theory paper
 3 Marks - In case of short of aggregate
 3 Marks - In case of short of division.
 No provision of grace marks in practical.

Note: The grace marks shall not be added to the total marks obtained by a candidate.

Percentage Prescribed for Awarding Division

First Division	-	60% Marks
Second Division	-	48% Marks

Eligibility for Appearing in Back Paper Examination

Those who have failed in two theory papers are only eligible for back paper examination.
 One can appear in two theory papers only.
 After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.

Prescribed Limit for Completion of the Degree

LL.B. within six years from the academic session in which a student is sought admission.

Change of Subjects

No student shall be allowed to change the subject after filling the examination form.

Filling of Examination Form

Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list.
 Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.

Syllabus Prescribed for the Examination

All the students shall appear in the examination as per prescribed syllabus for this academic session.
 Titles of the Question Papers and their codes must be according to the code list and not as mentioned in the syllabus.

Maximum Aggregate Marks

	Maximum Marks	Pass Marks
Part I	900	432
Part II	900	432
Part III	1000	480

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
I. Jurisprudence	101	100	X. Contract – II (Specific Contract)	201	100	XIX Criminal Procedure, Juvenile Justice & Probation of offenders	301	100
II. Contract –I	102	100	XI. Family Law I (Hindu Law)	202	100	XX Law of Evidence	302	100
III. Torts & Consumer Protection Laws	103	100	XII. Family Law II (Mohammedan Law)	203	100	XXI Civil Procedure & Limitation	303	100
IV. I.P.C. (Law of Crimes)	104	100	XIII. Administrative Law	204	100	XXII Legal Language & Legal Writing (Including Proficiency in Gen. English)	304	100
V. Constitutional Law of India	105	100	XIV. Company Law	205	100	XXIII Land Laws (Including Revenue & Ceiling Laws)	305	100
VI. Public International Law & Human Rights	107	100	XV. Labour Law & Industrial Relations	206	100			
VII. Environmental Law	108	100	XVI. Property Law & Easement	207	100			
VIII. Any one from the following:			XVII. Any one from the following :			XXIV Any one from the following:		
(a) International Economics Law	109	100	(a) Conflict of Laws	209	100	(a) Air & Space Law	306	100
(b) Bankruptcy Laws	110	100	(b) Banking Law (Including Negotiable Instruments Act)	210	100	(b) Law & Medicine	307	100
(c) Taxation Laws	111	100	(c) Investment & Security Laws	211	100	(c) (I) Women Law and Law Relating to Child or (II) Law, Poverty & Development	308	100
(d) (I) Comparative Law	112	100	(d) Trusts, Equity & Fiduciary Relationship	212	100	(d) Intellectual Property Law	309	100
(II) Legal History	113	100	(e) Criminology and Penology	213	100	(e) Maritime Law	310	100
(e) Insurance Law	114	100	XVIII. Public Interest Lawyering Legal Aid and Para Legal Services	810	100	XXV Moot Court, Pre – Trial Preparations & Participation in Trail Proceedings	311	100
IX. Professional Ethics						XXVI Drafting of Pleading & Conveyancing	312	100
Theory/Project	710	80				Theory	313	50
Viva-Voce	710	20				Practical	313	50
						XXVII Interpretation of Statutes	314	100
						XXVIII Arbitration, Conciliation and Alternate Dispute Resolution System	315	100
						(Old Course)		
						I Criminal Procedure, Juvenile Justice & Probation of Offenders	K-301(old)	100
						II Law of Evidence	K-302(old)	100
						III Civil Procedure & Limitation	K-303(old)	100
						IV Law of Crimes	K-304(old)	100
						V Land Laws (Including Revenue & Ceiling Laws)	K-305(old)	100
						VI Any one from the following :-		
						(a) Air & Space Law	K-306(old)	100
						(b) Law & Medicine	K-307(old)	100
						(c) (I) Women Law and Law Relating to Child or (II) Law, Poverty & Development	K-308(old)	100
						(d) Intellectual Property Law	K-309(old)	100
						(e) Maritime Law	K-310(old)	100
						VII Professional Ethics, Accountancy for Lawyers and Bar Bench Relations	K-311(old)	100
						VIII Drafting, Pleading & Conveyancing	K-714(old)	100
							K-713(old)	100
						* Note:- 1. Practicals, Viva-Voce and written test will be conducted as per Syllabus 2. The examination in theory papers of code 313 will be conducted by the University along with other theory papers		

Syllabus amended by the B.O.S. in Law held on 08-06-2005 for Ist year students w.e.f. the session 2005-06, for II nd Year students w.e.f. the session 2006 – 07 & for IIIrd year students w.e.f. the session 2007-08 and onward.

SALIENT POINTS FOR LL.M. STUDENTS

Subjects to be Offered	Every student must offer all the papers prescribed in the syllabus provided by the University and as available in the colleges.		
Pass Percentage to be Obtained	One must obtain 40% marks in each paper and 50% marks in aggregate.		
Provision for Grace Marks	3 Marks	-	In case of short of aggregate
	3 Marks	-	In case of short of division.
	Note : The grace marks shall not be added to the total marks obtained by a candidate.		
Percentage Prescribed for Awarding Division	First Division	-	60% Marks
	Second Division	-	50% Marks
Eligibility for Appearing in Back Paper Examination	A candidate can appear only in one theory paper for back paper examination. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.		
Prescribed Limit for Completion of the Degree	LL.M. within four years from the academic session in which a student is sought admission.		
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.		
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list. Candidate's Name, Father's & Mother's Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Copy (Performa) attached with the examination form.		
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers and their codes must be according to the code list and not as mentioned in the syllabus.		
Maximum Aggregate Marks	Maximum Marks	500	400
	Minimum Aggregate Marks	250	200

Ist Year			II nd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
I Legal History of India & England	101	100	<p><u>IMPORTANT NOTE :</u> The syllabus of LL.M. IInd year for New students & Ex. Students is same but viva – voce is compulsory only for all new students to be admitted in session 2006 – 2007</p> <p>Note : (a) A candidate shall have the option to offer any one of the following groups (b) Dissertation can be offered by a student who has secured minimum 50% marks in L.L.M. I in lieu of any one course</p> <p>Group : 'A' Constitutional Law : I Federal Aspects of a Canadian and Australian Constitutions II Fundamental Rights in India Any two from the following papers: III Administrative Law of India IV Constitutional Law of U.S.A. & Switzerland V Administrative Law of U.S.A. & England Dissertation</p> <p>Group : 'B' International Law I Public international Law II International Organization III Private International Law IV International Economic Law Dissertation</p> <p>Group : 'C' Family Law I Hindu Joint Family in the Present Set Up II Principles of Mohammedan Law Any two from the following papers: III History and Sources of Mohd. Law IV Sources and History of Hindu Law V Condified Hindu Law and Hindu Religious Endowment Dissertation</p> <p>Group : 'D' Merchentile Law : I General Principles of Contract II Specific Contracts III Company Law and Partnership IV Negotiable Instruments, Carriage of Goods & Insurance Dissertation</p> <p>Group : 'E' Torts and Crimes : I Tort (General Principles) II Tort (Specific Wrongs) III History and Principles of Criminal Law IV Criminology and Penology Dissertation</p>	501	100
II Constitutional Law of India	102	100			
II Jurisprudence	201	100			
IV Legislation :- Principles, Methods and Interpretation	202	100			
V Legal Research Methodology	203	100			
			I Federal Aspects of a Canadian and Australian Constitutions	301	100
			II Fundamental Rights in India	302	100
			III Administrative Law of India	401	100
			IV Constitutional Law of U.S.A. & Switzerland	402	100
			V Administrative Law of U.S.A. & England	403	100
			Dissertation	404	100
			I Public international Law	304	100
			II International Organization	305	100
			III Private International Law	405	100
			IV International Economic Law	406	100
			Dissertation	407	100
			I Hindu Joint Family in the Present Set Up	307	100
			II Principles of Mohammedan Law	308	100
			III History and Sources of Mohd. Law	408	100
			IV Sources and History of Hindu Law	409	100
			V Condified Hindu Law and Hindu Religious Endowment	410	100
			Dissertation	411	100
			I General Principles of Contract	310	100
			II Specific Contracts	311	100
			III Company Law and Partnership	412	100
			IV Negotiable Instruments, Carriage of Goods & Insurance	413	100
			Dissertation	414	100
			I Tort (General Principles)	313	100
			II Tort (Specific Wrongs)	314	100
			III History and Principles of Criminal Law	415	100
			IV Criminology and Penology	416	100
			Dissertation	417	100

Syllabus amended by the B.O.S. in Law held on 08-06-2005 for Ist year students w.e.f. the session 2005-06, & IInd Year students w.e.f. the session 2006 – 2007.

SALIENT POINTS FOR B.Sc. (PE, HE & SPORTS) STUDENTS

Subjects to be Offered	Every student must offer all the six compulsory papers with one Foundation course and one Qualifying Course in Part-I and Part-II. There shall be seven papers in Part-III The Qualifying course “ Environmental Studies” is compulsory in Part-I.		
Pass Percentage to be Obtained	One must obtain 33% marks both in theory and practical separately as follows :-		
	Maximum Marks	100	50
	Minimum Marks	33	17
Provision for Grace Marks	5 Marks - In one main theory subject & Foundation course Or In two main theory subjects 3 Marks - In case of short of aggregate 3 Marks - In case of short of division. No provision of grace marks in practicals. Note : The grace marks shall not be added to the total marks obtained by a candidate.		
Percentage Prescribed for Awarding Division	First Division	-	60% Marks
	Second Division	-	45% Marks
	Third Division	-	33% Marks
Eligibility for Appearing in Back Paper Examination	Those who have failed in one or two theory papers and Foundation course are only eligible for back paper examination. If the student fails in Qualifying course, he / she will also be eligible for back paper examination alongwith main subjects. After back paper examination, better marks obtained by a candidate either in main examination or in back paper examination, shall be awarded.		
Prescribed Limit for Completion of the Degree	B.Sc. (PE, HE & SPORTS) within six years from the academic session in which a student sought admission.		
Change of Subjects	No student shall be allowed to change the subject after filling the examination form.		
Filling of Examination Form	Every candidate is advised to fill the University examination form carefully and the subject name & code nos. as mentioned in code list already provided to the colleges. Candidate’s Name, Father’s & Mother’s Name in English & Hindi should be written correctly and legibly in BOLD LETTERS in the Computer Performa attached with the examination form.		
Syllabus Prescribed for the Examination	All the students shall appear in the examination as per prescribed syllabus for this academic session. Titles of the Question Papers and their codes must be according to the code list and not as mentioned in the syllabus.		
Maximum Aggregate Marks	Maximum Marks	Pass Marks	
	Part I	700	231
	Part II	700	231
	Part III	700	231

Ist Year				II nd Year				IIIrd Year			
Name of Paper	Code No.	Max. Marks		Name of Paper	Code No.	Max. Marks		Name of Paper	Code No.	Max. Marks	
		Th.	Pr.			Th.	Pr.			Th.	Pr.
I Foundation of Physical Education	101	100	--	I Health Education, Safely	201	100	--	I Psychology & Sociology	301	50	50
II Anatomy and Physiology	102	50	50	Education, First Aid and				Physical Education & Sports			
III Theory of Games & Sports (Track & Field)	103	50	50	Rehabilitation				II Fundamentals of Sports Training	302	50	50
IV Theory of Games & Sports (Gymnastics)	104	50	50	II Physiology of Exercise	202	50	50	III Kinesiology & Bio-Mechanics	303	100	--
V Theory of Games Sports (Yoga)	105	50	50	III Theory of Games & Sports (Track & Field Events)	203	50	50	IV Theory of Games & Sports (Track & Field)	304	50	50
VI Sports & Games of Speciality	106	50	50	IV Theory of Games & Sports (Gymnastics)	204	50	50	V Any one from the following papers:			
				V Theory of Games & Sports (a) Basket Ball Or	205	50	50	(a) Badminton	305	50	50
				(b) Hockey Or	206	50	50	(b) Kabbaddi	306	50	50
				(c) Foot Ball	207	50	50	(c) Weight Lifting	307	50	50
				VI Theory of Games & Sports (a) Cricket Or	208	50	50	VI Theory of Games & Sports (Sports Specialization)	308	50	50
				(b) Hand Ball Or	209	50	50	VII Any one from the following Papers :			
				(c) Volley Ball	210	50	50	(a) Kho Kho	309	50	50
				Or				(b) Table Tennis	310	50	50
				VII Vocational Oriented Courses	211	50	50	(c) Wrestling	311	50	50
								Or			
								Theory of Vocational oriented courses	312	50	50
								(If Selected in 2 nd year)			

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C.C.S. University, Meerut

Code List 2011 – 12 Exam. B.Sc. (PE, HE & Sports)

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks

FOUNDATION COURSES

I Bhartiya Sanskriti Evam Rashtra Gaurav	009	100	A candidate will have to select one of the following foundation courses:- 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit	011	100	(Only for Old Students) 1 Language Communication and Writing Skill : (I) Hindi Or (II) English Or (III) Sanskrit	011 (old)	100
				012	100	2 Indian Culture and Philosophy	012 (old)	100
				013	100	3 Indian Society and Political System	013 (old)	100
						4 Environment and Conservation of Natural Resources	014 (old)	100
						5 Health and General Science	015 (old)	100
						6 Indian Economy and Management	016 (old)	100
							017 (old)	100
							018 (old)	100

QUALIFYING COURSES

Ist Year			II nd Year			IIIrd Year		
Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks	Name of Paper	Code No.	Max. Marks
I ☀Environmental Studies	S-008	100	General Awareness	S-010	100	--	--	--

☀ क्वालिफाईंग कोर्स के अन्तर्गत संचालित "पर्यावरण-अध्ययन" कोड सं0-008 केवल प्रथम वर्ष के छात्र/छात्राओं के लिए ही अनिवार्य है परन्तु ऐसे छात्र/छात्रायें जो प्रथम वर्ष में उक्त विषय की परीक्षा उत्तीर्ण नहीं कर पाये हैं, ऐसे छात्र/छात्रायें इस विषय (कोड संख्या -008) की परीक्षा बैंक पेपर परीक्षा अथवा द्वितीय वर्ष या तृतीय वर्ष की परीक्षा में सम्मिलित होकर उत्तीर्ण कर सकते हैं।