



छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर

CHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

(पूर्ववर्ती कानपुर विश्वविद्यालय, कानपुर)

(Formerly Kanpur University, Kanpur)

Kalyanpur, Kanpur-208024

कल्यानपुर कानपुर-208024

सन्दर्भ सं०: सी.एस.जे.एम.वि.वि./सी.ओ.ई./343 / 2022

दिनांक : 06 / 12 / 2022

कार्यालय-ज्ञाप

एतद्वारा अवगत कराना है कि सत्र 2022-23 के एन0ई0पी0 पाठ्यक्रम के अन्तर्गत विषम सेमेस्टर एवं विश्वविद्यालय में पूर्व से संचालित सेमेस्टर पाठ्यक्रमों की परीक्षाएँ दिनांक-10.01.2023 से सम्भावित हैं। परीक्षाएँ संलग्न परीक्षा पैटर्न पर सम्पन्न करायी जायेंगी। परीक्षा कार्यक्रम विश्वविद्यालय की वेबसाइट "<http://www.csjmu.ac.in>" पर शीघ्र ही उपलब्ध करा दिया जायेगा।

अतः सम्बन्धित महाविद्यालयों के प्राचार्य/प्राचार्या एवं छात्र/छात्रायें उक्त से अवगत होते हुये विश्वविद्यालय की वेबसाइट का अवलोकन करते रहें।

संलग्नक- यथोक्त


(अंजनी कुमार मिश्र)
परीक्षा नियंत्रक

प्रतिलिपि: निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. अमर उजाला/दैनिक जागरण/आज/राष्ट्रीय सहारा/ हिन्दुस्तान/ स्वतन्त्र भारत को इस अनुरोध के साथ प्रेषित कि उक्त सूचना अपने प्रतिष्ठित दैनिक समाचार पत्र में प्रकाशित होने वाले सभी संस्करणों में निःशुल्क प्रकाशित करने का कष्ट करें।
2. प्राचार्य/प्राचार्या विश्वविद्यालय से सम्बद्ध समस्त महाविद्यालय।
3. मीडिया प्रभारी को आवश्यक कार्यवाही हेतु प्रेषित।
4. समस्त अधिकारीगण।
5. प्रभारी, पी0एम0यू0 सेल।
6. निजी सचिव कुलपति, मा0 कुलपति जी के अवलोकनार्थ।
7. वैय0 सहायक, वित्त अधिकारी/कुलसचिव/परीक्षा नियंत्रक।
8. गार्ड फाइल।

परीक्षा नियंत्रक

C.S.J.M. UNIVERSITY, KANPUR
EXAMINATION SCHEME -2022-23

BA-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BA-I	Philosophy	A100101T	Indian Philosophy	Subjective
BA-I	Psychology	A090101T	Basic Psychological Processes	Subjective
BA-I	Education	E010101T	Conceptual Framework of Education	Subjective
BA-I	Sociology	A070101T	Introduction to basic concepts of sociology	Subjective
BA-I	Political Science	A060101T	Indian National Movement & Constitution of India	Subjective
BA-I	Geography	A110101T	Physical Geography	Subjective
BA-I	Drawing & Painting	A140101T	History of Indian Art- I	Subjective
BA-I	Music Sitar	A300101T	Theoretical and Analytical study of Ragas, Talas & General theory of Indian Classical Music	Subjective
BA-I	Home Science	A130101T	Fundamentals of Nutrition and Human Development	Subjective
BA-I	Co-Curricular Course	Z010101T	Food Nutrition and Hygiene	Objective
BA-I	History	A050101T	Ancient and Early Medieval India	Subjective
BA-I	Hindi	A010101T	Hindi Kavya	Subjective
BA-I	English	A040101T	English Prose and Writing Skills	Subjective
BA-I	Sanskrit	A020101T	Sanskrit Padhy Sahitya Evam Vyakaran	Subjective
BA-I	Urdu/ Punjabi	A030101T/ A370101T	Urdu Zaban-O-Adab Ki Tareekh Aur Qwavaid-O-Insha/ Functional Punjabi & Computer Skill	Subjective
BA-I	Ancient Indian History Archaeology and Culture	A150101T	Early Civilization of India & World	Subjective
BA-I	Defence and Strategic Studies	A120101T	Conceptual Aspect of war	Subjective
BA-I	Economics	A080101T	Principle of Micro Economics	Subjective
BA-I	Office Management & Secretarial Practice	A350101T	Office Management	Subjective
BA-I	Physical Education	E020101T	Elementals of Physical Education	Subjective
BA-I	Music Tabla	A310102T	Basic Fundamental of Tabla	Subjective
BA-I	Music Vocal	A320101T	Introduction to Indian Music	Subjective
BA-I	Women-Studies	A290101T	Scope and Nature of Women's Studies	Subjective

BA-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BA-III	Women-Studies	A290301T	Evaluation of the Position of women in India	Subjective
BA-III	Music Vocal	A320301T	Contribution of Ancient, Medieval and Modern Scholars to Indian Music	Subjective
BA-III	Music Tabla	A310302T	History of Tabla	Subjective
BA-III	Physical Education	E020301T	Anatomy & Exercise Physiology	Subjective
BA-III	Office Management & Secretarial Practice	A350301T	Computer Applications and Information Technology	Subjective

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BA-III	Economics	A080301T	History of Economics Thought	Subjective
BA-III	Defence and Strategic Studies	A120301T	National Security - Conceptual Aspects	Subjective
BA-III	Ancient Indian History Archaeology and Culture	A150301T	Political History of North India	Subjective
BA-III	Urdu/ Punjabi	A030301T/ A370301T	Sahafat Aur Tarjuma Nigari Ka Fun Air Riwayat/ (Punjabi Language, Gurmukhi Script and Literary (Genres))	Subjective
BA-III	Sanskrit	A020301T	Sanskrit Natya Evam Vyakaran	Subjective
BA-III	English	A040301T	British and American Drama	Subjective
BA-III	Hindi	A010301T	Hindi Gadya	Subjective
BA-III	History	A050301T	History of Modern India	Subjective
BA-III	Co-Curricular Course	Z030301	Human Values and Environment studies	Objective
BA-III	Home Science	A130301T	Advance Nutrition and Human Development	Subjective
BA-III	Music Sitar	A300301T	Theoretical and Analytical study of Ragas, Talas & Descriptive theory of Indian Classical Music	Subjective
BA-III	Drawing & Painting	A140301T	History of Indian Sculpture	Subjective
BA-III	Geography	A110301T	Environment, Disaster Management & Climate change	Subjective
BA-III	Political Science	A060301T	Political Process in India	Subjective
BA-III	Sociology	A070301T	Social change & Social Movement	Subjective
BA-III	Education	E010301T	Philosophical- Sociological-Political-Economic Perspectives of Education	Subjective
BA-III	Psychology	A090301T	Psychology of Social Behavior	Subjective
BA-III	Philosophy	A100301T	Ethics (Indian & Western)	Subjective

B.Sc-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BSC-I	Statistics	B060101T	Descriptive Statistics (Univariate) and Theory of Probability	Subjective
BSC-I	Chemistry	B020101T	Fundamentals of Chemistry	Subjective
BSC-I	Mathematics	B030101T	Differential Calculus & Integral Calculus	Subjective
BSC-I	Physics	B010101T	Mathematical Physics & Newtonian Mechanics	Subjective
BSC-I	Zoology	B050101T	Cytology, Genetics and Infectious Diseases	Subjective
BSC-I	Co-Curricular Course	Z010101T	Food Nutrition and Hygiene	Objective
BSC-I	Botany	B040101T	Techniques in Microbiology & Plant Pathology	Subjective
BSC-I	Computer Science	B070101T	Problem Solving using Computer	Subjective
BSC-I	Information Technology	B180101T	It Fundamentals and Problem Solving Using Computer	Subjective
BSC-I	Computer Application	B120101T	Computer Fundamental with Problem Solving Using Python	Subjective
BSC-I	Electronics	B140101T	Basic Circuit Theory and Network Analysis	Subjective
BSC-I	Industrial Microbiology	B170101T	Fundamentals of Microbiology	Subjective
BSC-I	Microbiology	B080101T	General Microbiology	Subjective
BSC-I	Biotechnology	B100101T	Cell Biology and Genetics	Subjective
BSC-I	(Industrial Chemistry)	B190101T	Fundamentals of Industrial Chemistry	Subjective

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BSc-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BSC-III	(Industrial Chemistry)	B190301T	Process Instrumentation and Industrial Chemical Analysis	Subjective
BSC-III	Biotechnology	B100301T	Biochemistry & Biochemicals tools	Subjective
BSC-III	Microbiology	B080301T	Basic Biochemistry and Microbial Physiology	Subjective
BSC-III	Industrial Microbiology	B017301T	Fermentation Technology	Subjective
BSC-III	Electronics	B140301T	Analog Electronics	Subjective
BSC-III	Computer Application	B120101T	C Programming With Data Structure	Subjective
BSC-III	Information Technology	B180301T	Object Oriented Programming with Java	Subjective
BSC-III	Computer Science	B070301T	Operating Systems	Subjective
BSC-III	Botany	B040301T	Flowering Plants Identification & Aesthetic Characteristics	Subjective
BSC-III	Co-Curricular Course	Z030301	Human Values and Environment studies	Objective
BSC-III	Zoology	B050301T	Molecular Biology, Bioinstrumentation & Biotechniques	Subjective
BSC-III	Physics	B010301T	Electromagnetic Theory & Modern Optics	Subjective
BSC-III	Mathematics	B030301T	Algebra & Mathematical Methods	Subjective
BSC-III	Chemistry	B020301T	Chemical Dynamics & Coordination Chemistry	Subjective
BSC-III	Statistics	B060301T	Theory of Estimation and Sampling Survey	Subjective

BCom-I SEMESTER

SEMESTER	Subject	PAPER CODE	Subject	Pattern
BCom-I	B.COM	C010101T	Business Organisation	Subjective
BCom-I	B.COM	C010102T	Business Statistics	Subjective
BCom-I	B.COM	C010103T	Business Communication	Subjective
BCom-I	B.COM	C010104T	Introduction to Computer Application	Subjective
BCom-I	Co-Curricular Course	Z010101T	Food Nutrition and Hygiene	Objective

BCom-III SEMESTER

SEMESTER	Subject	PAPER CODE	Subject	Pattern
BCom-III	B.COM	C010304T	Inventory Management	Subjective
BCom-III	B.COM	C010303T	Business Regulatory Framework	Subjective
BCom-III	B.COM	C010302T	Cost Accounting	Subjective
BCom-III	B.COM	C010301T	Company Law	Subjective
BA-III	Co-Curricular Course	Z030301	Human Values and Environment studies	Objective

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B.B.A- I SEMESTER

SEMESTER	PART	PAPER CODE	Subject	Pattern
BBA-I	A & B	F010101T	A- Business Economics	Subjective
		F010101T	B- Basic Accounting	Subjective
BBA-I	A & B	F010102T	A-Business Statistics	Subjective
		F010102T	B-Principles Of Management	Subjective
BBA-I	A & B	F010103T	A-Business Ethics & Governance	Subjective
		F010103T	B-Computer Applications	Subjective
BBA-I	Co-Curricular Course	Z010101T	Food Nutrition and Hygiene	Objective

B.B.A- III SEMESTER (for Regular Students)

SEMESTER	PART	PAPER CODE	Subject	Pattern
BBA-III	A & B	F010303T	A-Business Communication	Subjective
		F010303T	B-Business Environment	Subjective
BBA-III	A & B	F010302T	A-Production Management	Subjective
		F010322T	B-Bussiness Policy	Subjective
BBA-III	A & B	F010301T	A- Management & Cost Accounting	Subjective
		F010301T	B- Bussiness Law	Subjective
BBA-III	Co-Curricular Course	Z030301	Human Values and Environment studies	Objective

B.Lib- I SEMESTER

SEMESTER	SUBJECT	PAPER CODE	Subject	Pattern
B.LIB-I	B.LIB-I	A190101T	Fondation of Library and Information Science (Theory)	Subjective
B.LIB-I	B.LIB-I	A190102T	Library Classification (Theory)	Subjective
B.LIB-I	B.LIB-I	A190103T	Library Cataloguing (Theory)	Subjective
B.LIB-I	B.LIB-I	A190104P	Library Classification (Practical)	Subjective
B.LIB-I	B.LIB-I	A190105P	Library Cataloguing (Practical)	Subjective

M.Lib-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
MLIB-I	Master of Library Science	ML-101	Knowledge & Communication	Subjective
MLIB-I	Master of Library Science	ML-102	Information Processing and Retrieval	Subjective
MLIB-I	Master of Library Science	ML-103	Marketing of Information Product and Services	Subjective
MLIB-I	Master of Library Science	ML-104	Information System and Programme	Subjective
MLIB-I	Master of Library Science	ML-105	Knowledge Organization and Information processing Practice-I (AACR-)	Subjective
			ELECTIVE COURSE	
MLIB-I	Master of Library Science	ML-106A	A-Digital Library	Subjective
MLIB-I	Master of Library Science	ML-106B	B-Information literacy	Subjective
MLIB-I	Master of Library Science	ML-106C	C-Intellectual Property Right	Subjective

MA-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
MA-I	Ancient Indian History, Culture and Archaeology	A520701T	Concepts and Methods in Historiography	Subjective
MA-I	Ancient Indian History, Culture and Archaeology	A520702T	Political Histroy of Ancient India (325 B.C. - 319 A.D.)	Subjective
MA-I	Ancient Indian History, Culture and Archaeology	A520703T	Religious, Social and Economic Life on Ancient India	Subjective
MA-I	Ancient Indian History, Culture and Archaeology	A520704T	Iconography	Subjective
MA-I	Drawing & Painting	A210701T	Study of Indian Traditional Arts & Culture	Subjective
MA-I	Drawing & Painting	A210702T	Aesthetics (Modern Indian Concepts)	Subjective
MA-I	Economics	A080701T	Micro Economics Analysis-I	Subjective
MA-I	Economics	A080702T	Macro Economics Analysis-I	Subjective
MA-I	Economics	A080703T	Public Finance	Subjective
MA-I	Economics	A080704T	Demography	Subjective
MA-I	Education	E010701T	Educational Thought : Indian Philosophical traditions	Subjective
MA-I	Education	E010702T	Methology of Educational Research	Subjective
MA-I	Education	E010703T	Advance Educational Psychology	Subjective
MA-I	Education	E010704T	Sociological Foundation of Education	Subjective
MA-I	Philosophy	A100701T	Systems of Indian Philosophy	Subjective
MA-I	Philosophy	A100702T	Indian Ethics	Subjective
MA-I	Philosophy	A100703T	Indian Epistemology	Subjective
MA-I	Philosophy	A100704T	Indian Metaphysic	Subjective
MA-I	Psychology	A090701T	Higher Mental Processes	Subjective
MA-I	Psychology	A090702T	Adv. Social Psychology	Subjective
MA-I	Psychology	A090703T	Quantitative Research Mathods	Subjective
MA-I	Psychology	A090704T	Philosophical Perspective and Contemporary Trends	Subjective
MA-I	English	A040701T	English Literature (14th- 17th Century)	Subjective

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MA-I	English	A040702T	English Literature (18th- 20th Century)	Subjective
MA-I	English	A040703T	Linguistics & EL.T	Subjective
MA-I	English	A040704T	Indian English Literature	Subjective
MA-I	Geography	A110701T	Geographical Thought	Subjective
MA-I	Geography	A110702T	Geography of Resources	Subjective
MA-I	Geography	A110703T	Geomorphology	Subjective
MA-I	Geography	A110704T	Climatology	Subjective
MA-I	Hindi	A010701T	Hindi Kavya ka Ithihas	Subjective
MA-I	Hindi	A010702T	Sahitayalochan	Subjective
MA-I	Hindi	A010703T	Prachin avam Madhyakalin Kavya	Subjective
MA-I	Hindi	A010704T	Katha Sahitya	Subjective
MA-I	History	A050701T	Historiography, Concepts Methods and Tools	Subjective
MA-I	History	A050702T	Indian Culture and Heritage	Subjective
MA-I	History	A050703T	Indian National Movement (1857-1947)	Subjective
MA-I	History	A050704T	History of Europe (1453-1871)	Subjective
MA-I	Home Science	A130701T	Advanced Nutrition and Institutional Management	Subjective
MA-I	Home Science	A130702T	Fashion Design and Traditional Textiles	Subjective
MA-I	Home Science	A130703T	Community Development and Extension Management	Subjective
MA-I	Home Science	A130704T	Research Methodology	Subjective
MA-I	Political Science	A060701T	Western Political Thought and Ideologies	Subjective
MA-I	Political Science	A060702T	Indian Government and Politics	Subjective
MA-I	Political Science	A060703T	Theories of International Relations	Subjective
MA-I	Political Science	A060704T	Political Analysis and Research Methodology	Subjective
MA-I	Sanskrit	A020701T	Ved, Nirukt avam Praatisaakhyas	Subjective
MA-I	Sanskrit	A020702T	Sanskrit Vyakaran avam Nibandha	Subjective
MA-I	Sanskrit	A020703T	Kavya Avam Natak	Subjective
MA-I	Sanskrit	A020704T	Bhartiya Darshan	Subjective
MA-I	Urdu	A030701T	Tarikh-e-Adab Urdu	Subjective
MA-I	Urdu	A030702T	Urdu Ghazal	Subjective
MA-I	Urdu	A030703T	Urdu Masnavi	Subjective
MA-I	Urdu	A030704T	Urdu Dastan	Subjective
MA-I	Sociology	A070701T	Classical Sociological Tradition	Subjective
MA-I	Sociology	A070702T	Perspective of Indian Society	Subjective
MA-I	Sociology	A070703T	Social Stratification & Mobility	Subjective
MA-I	Sociology	A070704T	Sociology of Change & Development	Subjective
MA-I	Tabla	A310701T	History of Music	Subjective
MA-I	Tabla	A310702T	Study of Indian Instruments and taal development	Subjective
MA-I	Sitar	A320701T	General & Applied Music theory-I	Subjective
MA-I	Sitar	A320702T	History of Music	Subjective
MA/M.Sc-I	Defence & Strategic Studies	A120701T	Peace and Conflict Studies	Subjective
MA/M.Sc-I	Defence & Strategic Studies	A120702T	Conceptual Aspects of National Security	Subjective
MA/M.Sc-I	Defence & Strategic Studies	A120703T	WMD, Disarmament & Arms Control	Subjective
MA/M.Sc-I	Defence & Strategic Studies	A120704T	Legal Aspects of War	Subjective

M.Sc-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc-I	Botany	B040701T	Diversity of Microbes and Fungi	Subjective
M.Sc-I	Botany	B040702T	Diversity of Algae and Bryophytes	Subjective
M.Sc-I	Botany	B040703T	Diversity of Pteridophytes and Gymnosperms	Subjective
M.Sc-I	Botany	B040704T	Plant Ecology	Subjective
M.Sc-I	Chemistry	B020701T	Inorganic Chemistry	Subjective
M.Sc-I	Chemistry	B020702T	Organic Chemistry	Subjective
M.Sc-I	Chemistry	B020703T	Physical Chemistry	Subjective
M.Sc-I	Chemistry	B020704T	Spectroscopy	Subjective
M.Sc-I	Mathematics	B030701T	Real Analysis	Subjective
M.Sc-I	Mathematics	B030702T	Topology	Subjective
M.Sc-I	Mathematics	B030703T	Advanced Complex Analysis	Subjective
M.Sc-I	Mathematics	B030704T	Dynamic of Rigid Bodies	Subjective
M.Sc-I	Zoology	B050701T	Non Chordata	Subjective
M.Sc-I	Zoology	B050702T	Biosystematics and Evolutionary Biology	Subjective
M.Sc-I	Zoology	B050703T	Cell Biology and Genetics	Subjective
M.Sc-I	Zoology	B050704T	Quantitative Biology, Research Methodology and Bioinstrumentation	Subjective
M.Sc-I	Physics	B010701T	Mathematical Physics-I	Subjective
M.Sc-I	Physics	B010702T	Classical Mechanics	Subjective
M.Sc-I	Physics	B010703T	Electromagnetic Theory	Subjective
M.Sc-I	Physics	B010704T	Quantum Mechanics-I	Subjective
M.Sc-I	Statistics	B060701T	Linear Methods	Subjective
M.Sc-I	Statistics	B060702T	Measure Theory & Probability	Subjective
M.Sc-I	Statistics	B060703T	Real Analysis	Subjective
M.Sc-I	Statistics	B060704T	Data Analysis using R	Subjective

M.Com-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Com-I		C010701T	Organisational Behaviour	Subjective
M.Com-I		C010702T	Accounting for Managerial Decisions	Subjective
M.Com-I		C010703T	Statistical Analysis	Subjective
M.Com-I		C010704T	Managerial Economics	Subjective

B.C.A-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BCA-I	BCA-I	BCA-101 (N)	I-Computer Fundamental & Office Automation (B.P Students)	Subjective
BCA-I	BCA-I	BCA-1001	I-Computer Fundamental & Problem Solving Techniques	Subjective
BCA-I	BCA-I	BCA-102 (N)	II-Programming Principles & Algorithm (B.P Students)	Subjective
BCA-I	BCA-I	BCA-1002	II- C Programming	Subjective
BCA-I	BCA-I	BCA-103 (N)	III-Principles of Management (B.P Students)	Subjective
BCA-I	BCA-I	BCA-1003	III- Principles of Management	Subjective
BCA-I	BCA-I	BCA-104 (N)	IV-Business Communication (B.P Students)	Subjective
BCA-I	BCA-I	BCA-1004	IV- Business Communication	Subjective
BCA-I	BCA-I	BCA-105 (N)	V-Mathematics-I (B.P Students)	Subjective
BCA-I	BCA-I	BCA-1005	V- Mathematics-I	Subjective

B.C.A-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BCA-III	BCA-III	BCA-301 (N)	I-Object Oriented Programming Using C++	Subjective
BCA-III	BCA-III	BCA-3001	I-Python Programming	Subjective
BCA-III	BCA-III	BCA-302 (N)	II-Data Structure Using C & C++	Subjective
BCA-III	BCA-III	BCA-3002	II-Data Structure Using C & C++	Subjective
BCA-III	BCA-III	BCA-303 (N)	III-Computer Architecture & Assembly Language	Subjective
BCA-III	BCA-III	BCA-3003	III-Operating System	Subjective
BCA-III	BCA-III	BCA-304 (N)	IV-Business Economics	Subjective
BCA-III	BCA-III	BCA-3004	IV- Digital Electronics & Computer Organization	Subjective
BCA-III	BCA-III	BCA-305 (N)	V-Elements of Statistics	Subjective
BCA-III	BCA-III	BCA-3005	V-Elements of Statistics	Subjective

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B.C.A-V SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BCA-V	BCA-V	BCA-501 (N)	I-Introduction to DBMS	Subjective
BCA-V	BCA-V	BCA-502 (N)	II-JAVA Programming and Dynamic Webpage Design	Subjective
BCA-V	BCA-V	BCA-503 (N)	III-Computer Network	Subjective
BCA-V	BCA-V	BCA-504 (N)	IV-Numerical Methods	Subjective

B.Com (Honours)-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Com (H)-I	B.Com (H)-I	BCH-101	Financial Accounting	Subjective
B.Com (H)-I	B.Com (H)-I	BCH-102	Financial Mathematics	Subjective
B.Com (H)-I	B.Com (H)-I	BCH-103	Business Environment	Subjective
B.Com (H)-I	B.Com (H)-I	BCH-104	Principles of Economics	Subjective
B.Com (H)-I	B.Com (H)-I	BCH-105	Communicative Skill	Subjective
B.Com (H)-I	B.Com (H)-I	BCH-106	Essentials of Management	Subjective

B.Com (Honours)-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Com (H)-III	B.Com (H)-III	BCH-301	Cost Accounting	Subjective
B.Com (H)-III	B.Com (H)-III	BCH-302	Banking Operations Management.	Subjective
B.Com (H)-III	B.Com (H)-III	BCH-303	Operations Management	Subjective
B.Com (H)-III	B.Com (H)-III	BCH-304	Marketing Management	Subjective
B.Com (H)-III	B.Com (H)-III	BCH-305	Company Law & Secretarial Practice.	Subjective
B.Com (H)-III	B.Com (H)-III	BCH-306	Business Laws	Subjective

B.Com (Honours)-V SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Com (H)-V	B.Com (H)-V	BCH-501	Industrial Law	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-502	Consumer Behavior & Advertising Management.	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-503	Insurance & Risk Management	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-504	Corporate Accounting	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-505	Specialized Accounting.	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-506	Financial Institutions & Services	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-505	International Business Environment	Subjective
B.Com (H)-V	B.Com (H)-V	BCH-506	International Business	Subjective

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B.Com (H)-V	B.Com (H)-V	BCH-507	Foreign Language (German/French/Chinese) (Non-Credit)	Subjective
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B.B.A-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BBA-I	BBA-I	BBA-101(N)	Business Organisation	Subjective
BBA-I	BBA-I	BBA-102(N)	Business Mathematics	Subjective
BBA-I	BBA-I	BBA-103(N)	Principles of Economics	Subjective
BBA-I	BBA-I	BBA-104(N)	Book Keeping and Basic Accounting	Subjective
BBA-I	BBA-I	BBA-105(N)	Business Laws	Subjective
BBA-I	BBA-I	BBA-106(N)	Fundamentals of Management	Subjective
BBA-I	BBA-I	BBA-107(N)	Business Ethics	Subjective

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B.B.A-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BBA-III	BBA-III	BBA-301(N)	Advertising Management	Subjective
BBA-III	BBA-III	BBA-302(N)	Indian Banking System	Subjective
BBA-III	BBA-III	BBA-303(N)	Human Resource Management	Subjective
BBA-III	BBA-III	BBA-304(N)	Marketing Management	Subjective
BBA-III	BBA-III	BBA-305(N)	Company Accounts	Subjective
BBA-III	BBA-III	BBA-306(N)	Company Law	Subjective

B.B.A-V SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
BBA-V	BBA-V	BBA-501(N)	Managerial Economics	Subjective
BBA-V	BBA-V	BBA-502(N)	Entrepreneurship & Small Business Management	Subjective
BBA-V	BBA-V	BBA-503(N)	Income Tax Laws and Accounting	Subjective
BBA-V	BBA-V	BBA-504(N)	Cost & Management Accounting	Subjective
BBA-V	BBA-V	BBA-505(N)	Industrial Law	Subjective
BBA-V	BBA-V	BBA-506(N)	Fundamentals of Computers	Subjective
BBA-V	BBA-V	BBA-507(N)	Environmental Science	Subjective

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B.Sc (Biotechnology)-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Bio. T)-I	B.Sc (Bio. T)-I	BBT-1001	Chemistry-I	Subjective
B.Sc (Bio. T)-I	B.Sc (Bio. T)-I	BBT-1002	Cell Biology	Subjective
B.Sc (Bio. T)-I	B.Sc (Bio. T)-I	BBT-1003	English Communication-I	Subjective
B.Sc (Bio. T)-I	B.Sc (Bio. T)-I	BBT-1004(A)	Biotechnology and Human Welfare	Subjective
B.Sc (Bio. T)-I	B.Sc (Bio. T)-I	BBT-1004(B)	I.P.R Entrepreneurship Bioethics & Biosafety	Subjective

B.Sc (Biotechnology)-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Bio. T)-III	B.Sc (Bio. T)-III	BBT-3001	General Biochemistry	Subjective
B.Sc (Bio. T)-III	B.Sc (Bio. T)-III	BBT-3002	General Microbiology	Subjective
B.Sc (Bio. T)-III	B.Sc (Bio. T)-III	BBT-3003	Genetics	Subjective
B.Sc (Bio. T)-III	B.Sc (Bio. T)-III	BBT-3004/Sec-01	Enzymology	Subjective

M.Sc (Electronics)-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (E) - I	M.Sc (E) - I	ELC-101N	Physics of Electronics Materials	Subjective
M.Sc (E) - I	M.Sc (E) - I	ELC-102N	Signal Analysis and Mathematical Methods in Electronics	Subjective
M.Sc (E) - I	M.Sc (E) - I	ELC-103N	C++ Programming and Data Structure	Subjective
M.Sc (E) - I	M.Sc (E) - I	ELC-104N	Semiconductor Devices	Subjective

M.Sc (Electronics)-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (E) - III	M.Sc (E) - III	ELC-301N	Control System	Subjective
M.Sc (E) - III	M.Sc (E) - III	ELC-302N	Ic Technology and Vlsi Design	Subjective
M.Sc (E) - III	M.Sc (E) - III	ELC-303N	Analog and Digital Communication System	Subjective
M.Sc (E) - III	M.Sc (E) - III	ELC-304N	Electronic Instrumentation And Measurements	Subjective

M.Sc (Biochemistry)-I SEMESTER

Old Course

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	BCH1001	General Biochemistry	Subjective
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	BCH1002	Cell Biology & Membrane Biochemistry	Subjective
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	BCH1003	Biophysical Chemistry, Techniques & Application	Subjective
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	BCH1004	General Microbiology	Subjective

New Course

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	L020701T	General Biochemistry	Subjective
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	L020702T	Cell Biology & Membrane Biochemistry	Subjective
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	L020703T	Biophysical Chemistry, Techniques & Application	Subjective
M.Sc (Bio.C) - I	M.Sc (Bio.C) - I	L020704T	General Microbiology	Subjective

M.Sc (Biochemistry)-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Bio.C) - III	M.Sc (Bio.C) - III	BCH301	Physiology & Clinical Biochemistry	Subjective
M.Sc (Bio.C) - III	M.Sc (Bio.C) - III	BCH302	Molecular Biology	Subjective
M.Sc (Bio.C) - III	M.Sc (Bio.C) - III	BCH303	Immunology	Subjective
M.Sc (Bio.C) - III	M.Sc (Bio.C) - III	BCH304	Advanced Biotechnology	Subjective

M.Sc (Biotechnology)-I SEMESTER

Old Course

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	MBT1001	Cell and Development Biology	Subjective
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	MBT1002	General Biochemistry	Subjective
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	MBT1003	Biophysical Chemistry and Techniques	Subjective
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	MBT1004	Fundamentals In Biostatistics and Biomathematics	Subjective

New Course

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	L030701T	Cell and Development Biology	Subjective
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	L030702T	General Biochemistry	Subjective
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	L030703T	Biophysical Techniques	Subjective
M.Sc (Bio.T) - I	M.Sc (Bio.T) - I	L030704T	General Microbiology	Subjective

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M.Sc (Biotechnology)-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Bio.T) - III	M.Sc (Bio.T) - III	MBT3001	Cellular and Molecular Immunology	Subjective
M.Sc (Bio.T) - III	M.Sc (Bio.T) - III	MBT3002	Principles of Genetic Engineering	Subjective
M.Sc (Bio.T) - III	M.Sc (Bio.T) - III	MBT3003	Plant Biotechnology and Tissue Culture	Subjective
M.Sc (Bio.T) - III	M.Sc (Bio.T) - III	MBT3004	Enzymology and Enzyme Technology	Subjective

M.Sc (Microbiology)-I SEMESTER

Old Course

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	MIC1001	General Microbiology	Subjective
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	MIC1002	Biochemistry	Subjective
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	MIC1003	Analytical Techniques and Biostatistics	Subjective
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	MIC1004	Cellular Microbiology	Subjective

New Course

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	L040701T	General Microbiology	Subjective
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	L040702T	Biochemistry	Subjective
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	L040703T	Analytical Techniques and Biostatistics	Subjective
M.Sc (Mic.B) - I	M.Sc (Mic.B) - I	L040704T	Cellular Microbiology	Subjective

M.Sc (Microbiology) -III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC3001	Microbial Technology	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC301	Agricultural & Environmental Microbiology	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC3002	Microbial Genetics	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC302	Molecular Biology	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC3003	Cellular and Molecular Immunology	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC303	Recombinant DNA Technology	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC3004	Agriculture and Environment Microbiology	Subjective
M.Sc (Mic.B) - III	M.Sc (Mic.B) - III	MIC304	Fundamentals of Immunity & Infection	Subjective

M.Sc (Industrial Chemistry)-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ind.Ch) - I	M.Sc (Ind.Ch) - I	MSIC-101	Analytical Techniques Part A	Subjective
M.Sc (Ind.Ch) - I	M.Sc (Ind.Ch) - I	MSIC-102	Research Methodology, Statistical Techniques and Computer applications	Subjective
M.Sc (Ind.Ch) - I	M.Sc (Ind.Ch) - I	MSIC-103	Organic Chemistry	Subjective
M.Sc (Ind.Ch) - I	M.Sc (Ind.Ch) - I	MSIC-104	Physical Chemistry	Subjective

M.Sc (Industrial Chemistry)-III SEMESTER

INCLUDING BACK PAPER C.S.J.M.U CAMPUS STUDENTS

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ind.Ch) - III	M.Sc (Ind.Ch) - III	MSIC-301	Natural Products, cosmetics and Perfumery	Subjective
M.Sc (Ind.Ch) - III	M.Sc (Ind.Ch) - III	MSIC-302	Pharmaceutical Chemistry	Subjective
M.Sc (Ind.Ch) - III	M.Sc (Ind.Ch) - III	MSIC-303	Sugar and pulp Chemistry	Subjective
M.Sc (Ind.Ch) - III	M.Sc (Ind.Ch) - III	MSIC-304	Essentials Oils, Dyes and Paints	Subjective

B.Sc (Biotechnology)-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Bio.T)-I	B.Sc (Bio.T)-I	BBT-1001	Chemistry-I	Subjective
B.Sc (Bio.T)-I	B.Sc (Bio.T)-I	BBT-1002	Cell Biology	Subjective
B.Sc (Bio.T)-I	B.Sc (Bio.T)-I	BBT-1003	English Communication-I	Subjective
B.Sc (Bio.T)-I	B.Sc (Bio.T)-I	BBT-1004(A)	Biotechnology and Human Welfare	Subjective
B.Sc (Bio.T)-I	B.Sc (Bio.T)-I	BBT-1004(B)	I.P.R Entrepreneurship Bioethics & Biosafety	Subjective

B.Sc (Biotechnology)-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Bio.T)-III	B.Sc (Bio.T)-III	BBT-3001	General Biochemistry	Subjective
B.Sc (Bio.T)-III	B.Sc (Bio.T)-III	BBT-3002	General Microbiology	Subjective
B.Sc (Bio.T)-III	B.Sc (Bio.T)-III	BBT-3003	Genetics	Subjective
B.Sc (Bio.T)-III	B.Sc (Bio.T)-III	BBT-3004/Sec-01	Enzymology	Subjective

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B.Sc in Agriculture-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1001	Fundamental of Agronomy (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag101	Structural & spoken English (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1002	Fundamental of Genetics (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag102	Principles of crop production (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1003	Fundamentals of soil science (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag103	Fundamentals of soil science (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1004	Fundamentals of horticulture (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag104	Elements of Genetics (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1005	Rural Sociology & Educational Psychology (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag105	Elementary Statistics (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1006	Introduction to Forestry (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag106	Introductory Plant Pathology (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1007	Introductory Animal Husbandry (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag107	Rural Sociology & Educational Psychology (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1008	Comprehension & Communication skill in English (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag108	Fundamentals of Horticulture (Old)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1009	Agriculture Heritage (New)	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1010	Basic Agriculture	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1011	Introductory Biology	Subjective
B.Sc (Ag)-I	B.Sc (Ag)-I	Ag1012	Elementary Mathematics	Subjective

B.Sc in Agriculture-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3001	Crop Production Technology-I (Kharif Crop) (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag301	Cereals, Millet & Pulses Crops (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3003	Fundamental of Plant Breeding (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag302	Principles of Plant Breeding (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3004	Agricultural Microbiology (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag303	Farm Power and Machinery (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3005	Agricultural Finance and Cooperation (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag304	Rain fed & Dry Land Farming & Water shade Management (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3006	Farm Machinery and Power (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag305	Agriculture Marketing Export & Cooperation (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3007	Principle of Integrated Disease Management (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag306	Vegetable Production (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3008	Environmental Studies and Disaster Management (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag307	Mushroom Culture and plant Hematology (Old)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3009	Statistical Methods (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag308	Principles of Livestock Production and Management including poultry (Old)	Subjective

B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3010	Dairy Science (New)	Subjective
B.Sc (Ag)-III	B.Sc (Ag)-III	Ag3011	Fundamentals of Entomology-II (New)	Subjective

B.Sc in Agriculture-V SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag501	Introduction of plant Biotechnology (Old)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5001	Rain faid and Dry land Agriculture (New)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag502	Principles of Milk & Milk Processing (Old)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5002	Crop Improvement-I (Kharif Crops) (New)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag503	Post Harvest Management of Fruits & Vegetables (ICAR) (Old)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5003	Pests of cropd and Stored grain and Their Management (New)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag504	Crop Pests & Integrated Pest Management (Old)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5004	Agriculture Marketing Trade & Prices (New)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag505	Weed Management (old)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5005	Protected Cultiration and Secondary Agriculture (New)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag506	Crop Diseases & Their Management (Old)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5006	Diseases of field and Horticulture crops and their (new)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5007	Production Technology for fruit and Plantation crop	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5008	Communication skills and Personality development	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5009	Intellectual Property Right (New)	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5010	Principles of food science and Nutrition	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag5011	Geo Informatics and nano technology	Subjective
		Elective Course		
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag51	Agri Bussiness management	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag52	Agro Chemicals	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag53	Commercial Plant Breeding	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag54	Land Seaping	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag55	Food safety and Standards	Subjective
B.Sc (Ag)-V	B.Sc (Ag)-V	Ag56	Bio Pesticides and Biofertilizers	Subjective

B.Sc in Agriculture-VII SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Sc (Ag)-VII	B.Sc (Ag)-VII	Ag701	Environmental Science and Agro Ecology	Subjective
B.Sc (Ag)-VII	B.Sc (Ag)-VII	Ag702	Silviculture and Agro Forestry	Subjective
B.Sc (Ag)-VII	B.Sc (Ag)-VII	Ag703	Production Technology of Medicinal Aromatic and Spices	Subjective
B.Sc (Ag)-VII	B.Sc (Ag)-VII	Ag704	Management of Problem Soils and Wasteland	Subjective
B.Sc (Ag)-VII	B.Sc (Ag)-VII	Ag705	Dairy Chemistry and Animal Nutrition	Subjective
B.Sc (Ag)-VII	B.Sc (Ag)-VII	Ag706	Computer Application.	Subjective

M.Sc in Agriculture (Agriculture Economics) - I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	AGECON 5001	Micro Economics Theory and Application	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AGECON 5004	Agricultural Production Economics	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AGECON 5005	Agricultural Marketing and price Analysis	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Agriculture Economics) - III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	AGECON 5003	Evaluation of Economics Thought	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	AGECON 5007	Econometrics	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	AGECON 5009	Agricultural Finance and Project Management.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application in Agriculture	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

M.Sc in Agriculture (Genetics and Plant Breeding) - I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	GP 5001	Principles of Genetics	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	GP 5002	Principles of Cytogenetics	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	GP 5003	Principles of Plant Breeding	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Genetics and Plant Breeding) - III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	GP 5009	Biotechnology for Crop Improvement.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	GP 5010	Breeding for Biotic and Abiotic stress Resistance.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	GP 5011	Breeding Cereals, Millets and Sugarcane.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	GP5015	Maintenance Breeding, Concept of Variety Release and seed production.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application In Agriculture.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

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M.Sc in Agriculture (Horticulture) -I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	HORT 5001	Propagation and Nursery Management for fruit crops.	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	HORT 5002	L and Scaping and Ornamental Gardening.	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	HORT 5003	Tropical and Dry Land Fruit Production	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Horticulture) -III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	HORT 5007	Production Technology of warm season Vegetable Crops	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	HORT 5009	Breeding of Horticultural Crops.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	HORT 5010	Post Harvest Technology for Horticultural Crops.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application in Agriculture	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

M.Sc in Agriculture (Agronomy) -I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	AGRON 5001	Modern Concept of crop production.	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AGRON 5003	Principles and practices of weed management.	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AGRON 5006	Scientific Cultivation of major cereals and pulses.	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Agronomy) -III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	AGRON 5002	Principles and practices of soil fertility and Nutrient Management.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	AGRON 5008	Dryland Farming and watershed Management.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application In Agriculture.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

M.Sc in Agriculture (Agricultural Entomology) - I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	AE 5001	Insect Morphology	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AE 5002	Insect Systematic	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AE 5003	Insect Anatomy, Physiology and Nutrition	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Agricultural Entomology) -III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	AE 5008	Advanced Techniques of plant production.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	AE 5009	Biological Control	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	AE 5010	Insect Vectors of plant Viruses and other pathogens.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application in Agriculture	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

M.Sc in Agriculture (Plant Pathology) - I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	APP 5001	Introductory Mycology	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	APP 5004	Principles of Plant Pathology	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Plant Pathology) - III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	APP 5006	Principles of Plant Disease Management.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	APP 5007	Diseases of Field and Medicinal Crops	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	APP 5008	Diseases of Fruits, Plantation and Ornamental Crops	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	APP 5013	Mushroom Production Technology	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application In Agriculture.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

M.Sc in Agriculture (Agricultural Extension) - I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	EXT 5011	Development Perspective of Extension Education	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	EXT 5012	Development Communication and Information Management	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	EXT 5013	Diffusion and adaptation of Innovations	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Agricultural Extension) - III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	EXT 5021	E-Extension	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	EXT 5031	Research Methods in Behavioral Sciences	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	EXT 5032	Visual Communication	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	EXT 6011	Advances in Agricultural Extension	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application In Agriculture	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

M.Sc in Agriculture (Soil Science & Agricultural Chemistry) -I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-I	M.Sc (Ag)-I	SSAC 5004	Soil Mineralogy, Genesis, Classification & Survey	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	SSAC 5009	Soil, Water and Air Pollution	Subjective
M.Sc (Ag)-I	M.Sc (Ag)-I	AS 5001	Agricultural Statistics	Subjective

M.Sc in Agriculture (Soil Science & Agricultural Chemistry) -III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Sc (Ag)-III	M.Sc (Ag)-III	SSAC 5005	Soil Erosion and Conservation	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	SSAC 5010	Remote Sensing and GIS Technique for soil and crop studies	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	SSAC 5013	Management of Problematic soils and waters	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	CA 5002	Computer Application In Agriculture.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5005	Agricultural Research Research ethics and rural Development Programmes.	Subjective
M.Sc (Ag)-III	M.Sc (Ag)-III	PGS 5006	Disaster Management.	Subjective

B.P.Ed-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.P.Ed-I	B.P.Ed-I	CC-101	History, Principles and Foundations of Physical Education	Subjective
B.P.Ed-I	B.P.Ed-I	CC-102	Anatomy and Physiology	Subjective
B.P.Ed-I	B.P.Ed-I	CC-103	Health Education and Environmental Studies	Subjective
		Optional		
B.P.Ed-I	B.P.Ed-I	EC-101	Olympic Movement	Subjective
B.P.Ed-I	B.P.Ed-I	EC-102	Officiating and Coaching	Subjective

B.P.Ed-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.P.Ed-III	B.P.Ed-III	CC-301	Sports Training	Subjective
B.P.Ed-III	B.P.Ed-III	CC-302	Computer Application in Physical Education	Subjective
B.P.Ed-III	B.P.Ed-III	CC-303	Sports Psychology and Sociology	Subjective
		Optional		
B.P.Ed-III	B.P.Ed-III	EC-301	Sports Medicine, Physiotherapy and Rehabilitation (Elective)	Subjective
B.P.Ed-III	B.P.Ed-III	EC-302	Curriculum Design (Elective)	Subjective

M.P.Ed-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.P.Ed-I	M.P.Ed-I	MPCC-101	Research Process and Statistics in Physical Education & Sports Sciences	Subjective
M.P.Ed-I	M.P.Ed-I	MPCC-102	Physiology of Exercise	Subjective
M.P.Ed-I	M.P.Ed-I	MPCC-103	Test Measurement and Evaluation in Physical Education	Subjective
		Optional		
M.P.Ed-I	M.P.Ed-I	MPEC-101	Yogic Sciences	Subjective
M.P.Ed-I	M.P.Ed-I	MPEC-102	Sports Technology	Subjective

M.P.Ed-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.P.Ed-III	M.P.Ed-III	MPCC-301	Scientific Principles of Sports Training	Subjective
M.P.Ed-III	M.P.Ed-III	MPCC-302	Sports Medicine	Subjective
M.P.Ed-III	M.P.Ed-III	MPCC-303	Health education and Sports Nutrition	Subjective
		Optional		
M.P.Ed-III	M.P.Ed-III	MPEC-301	Sports Engineering (Elective)	Subjective
M.P.Ed-III	M.P.Ed-III	MPEC-302	Physical Fitness & Wellness (Elective)	Subjective

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B.Ed-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Ed-I	B.Ed-I	BED-101	Philosophical Perspectives of Education	Subjective
B.Ed-I	B.Ed-I	BED-102	Sociological Perspectives of Education	Subjective
B.Ed-I	B.Ed-I	BED-103	Psychological Perspectives of Education	Subjective
			Optional	
B.Ed-I	B.Ed-I	BED-104	Inclusive Education	Subjective
B.Ed-I	B.Ed-I	BED-105	Value and Peace Education	Subjective
B.Ed-I	B.Ed-I	BED-106	Gender, School and Society	Subjective

B.Ed-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
B.Ed-III	B.Ed-III	BED-301	School Management and Leadership	Subjective
B.Ed-III	B.Ed-III	BED-302	Educational Guidance and Counselling	Subjective

M.Ed-I SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Ed-I	M.Ed-I	MED-101	Philosophical Perspectives of Education (Western)	Subjective
M.Ed-I	M.Ed-I	MED-102	Psychological Perspectives of Education (Apprehending Learner)	Subjective
M.Ed-I	M.Ed-I	MED-103	Sociological Perspectives of Education	Subjective
M.Ed-I	M.Ed-I	MED-104	Research Methods in Education (General Perspectives)	Subjective
			Optional	
M.Ed-I	M.Ed-I	MED-105	Guidance and Counselling	Subjective
M.Ed-I	M.Ed-I	MED-106	Human Rights and Value Education	Subjective

M.Ed-III SEMESTER

SEMESTER	Subject	PAPER CODE	PAPER TITLE	Pattern
M.Ed-III	M.Ed-III	MED-301	Historical Perspectives of Education	Subjective
M.Ed-III	M.Ed-III	MED-302	Socio-Economic Perspectives of Education	Subjective
M.Ed-III	M.Ed-III	MED-303	Measurement, Evaluation and Statistics in Education	Subjective

(Dr. Anjani Kumar Mishra)
Controller of Examination

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