

KUMAUN UNIVERSITY, NAINITAL
FINAL Programme For M.Sc./ M.Com. [I and III Semester]
MAIN, BACK AND IMPROVEMENT EXAMINATION-2019

Time : 09:00 AM - 12.00 NOON

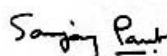
Date/Day & Semester	Subject	Paper Code & Paper Name
17/12/2019 (Tuesday) I SEMESTER	Botany	(I) 4111- Microbiology (Bactetia, Viruses & Lichens)
	Chemistry	(I) 4211- Inorganic Chemistry
	Computer Sc.	(I) 4311- Operating System (New) (4311) Advanced Computer System Architecture(Old)
	Forestry	(I) 4411- Physical Environment & Forest Ecosystems
	Information Tech	(I) 4711- Computer Fundamentals and Object Oriented Programming with C++
	Mathematics	(I) 5311- Real Analysis
	Military Science	(I) 3011- Military History of India
	Physics	(I) 4911- Mathematical Methods
	Statistics	(I) 2911 / 5011 - Probability theory
	Zoology	(I) 5111- Microbiology
Commerce	(I) 7311- Business Management	
18/12/2019 (Wednesday) III SEMESTER	Botany	(I) 4131- Plant Ecology
	Chemistry	(I) 4231- Solid State Chemistry
	Computer Science	(I) 4331- .Net Framework and C#
	Forestry	(I) 4431- Climate Change Remote Sensing and Geographical Information System
	Information Tech	(I) 4731- Software Engineering
	Mathematics	(I) 5331- Linear Algebra
	Military Science	(I) 3031- Insurgency and Counter Insurgency
	Physics	(I) 4931- Advanced Quantum Mechanics
	Statistics	(I) 2931 / 5031- Multivariate Analysis
	Zoology	(I) 5131- Chordata
Commerce	(I) 7331- Corporate Tax Planning	
19/12/2019 (Thursday) I SEMESTER	Botany	(II) 4112- Psychology
	Chemistry	(II) 4212- Organic Chemistry
	Computer Science	(II) 4312- Descrete Mathematics (New) 4312 - Operating System (Old)
	Forestry	(II) 4412- Forest Biometry and Biostatistics
	Information Tech	(II) 4712- Database Models
	Mathematics	(II) 5312- Topology
	Military Science	(II) 3012- National Security of India
	Physics	(II) 4912- Classical Mechanics
	Statistics	(II)2912/5012 - Advanced Analysis & Matrix Theory
	Zoology	(II) 5112- Non-Chordata
Commerce	(II) 7312- Statistical Analysis	
20/12/2019 (Friday)	Botany	(II) 4132- Cytogenetics and Plant Breeding
	Chemistry	(II) 4232-A/4232-B - Spectroscopy Techniques
	Computer Science	(II) 4332- Network Security and Cryptography
	Forestry	(II) 4432- Nursery Technology
	Information Tech	(II) 4732- Artificial Intelligence

III SEMESTER	Mathematics	(II) 5332- Measure Theory
	Military Science	(II) 3032- Science Technology and Nation Security
	Physics	(II) 4932- Nuclear Physics
	Statistics	(II) 2932 / 5032 - Bioinformatics
	Zoology	(II) 5132- Animal Behavior
	Commerce	(II) 7332- Advance Cost Accounting
21/12/2019 (Saturday) I SEMESTER	Botany	(III) 4113- Mycology
	Chemistry	(III) 4213- Physical Chemistry
	Computer Science	(III) 4313- Theory of Computetion (New), Mathematical Foundation of Computer Science (Old)
	Forestry	(III) 4413- Advances in Silviculture
	Information Technology	(III) 4713- Computer Networks & Web Technologies
	Mathematics	(III) 5313- Differential Geometry & Tensor Calculus
	Military Science	(III) 3013- Disaster Management Risk Reduction and National Security
	Statistics	(III) 2913 / 5013 - Statistical Methods
	Physics	(III) 4913- Quantum Mechanics
	Zoology	(III) 5113- Ecology
	Commerce	(III) 7313- Economic of Growth
24/12/2019 (Tuesday) III SEMESTER	Botany	(III) 4133- Plant Biotechnology
	Chemistry	(III) 4233- Biological System
	Computer Science	(III) 4333 A - Artificial Intelligence (III-I) (III) 4333 B- Fuzzy Logic & Design
	Forestry	(III) 4433- Management of Insect-Pest and Diseases
	Information Tech	(III) 4733- Programming in Java (Basic)
	Mathematics	(III) 5333- Numerical Analysis
	Military Science	(III) 3033- Conflict and Peace Studies
	Physics	(III) 4933- Elementary Particle Physics
	Statistics	(III) 2933/5033- Regression Analysis & Time Series
	Zoology	(III) 5133- Developmental Biology
	Commerce	(III) 7333- Financial Institutions & Markets
26/12/2019 (Thursday) I SEMESTER	Botany	(IV) 4114- Bryology and Pteridology
	Chemistry	(IV) 4214- Group Theory & Instrumentation Chemistry
	Computer Science	(IV)4314- Advanced Database Managemant Systems
	Forestry	(IV) 4414- Agro-forestry Practices
	Information Technology	(IV) 4714- Discrete Mathematics
	Mathematics (I&III Semester)	IV & V (i) 5351- Mathematical Statistics
	Military Science	(IV) 3014- International Law
	Physics	(IV) 4914- General Theory of Relativity and Cosmology
	Zoology	(IV) 5114- Taxonomy and Evolutionary Biology
Commerce	(IV) 7314- Business Environment	
27/12/2019 (Friday)	Botany	(IV) 4134- Plant Physiology and Biochemistry
	Chemistry	(IV) 4234- Inter Disciplinary Topics in Chemistry
	Computer Science	(IV) 4334 (A) - Data Mining & Work Housing (IV) 4334 (B) - Image Processing

III SEMESTER	Forestry	(IV) 4434 A - Research Methodology (IV) 4434 B - Computer Application & I.T.
	Information Tech	(IV) 4734- Information Security
	Mathematics (I&III Semester)	IV & V (ii) 5352- Theory of Numbers
	Military Science	(IV) 3034- Politics and Security of Indian Ocean
	Physics	(IV) 4934- Condensed Matter Physics
	Zoology	(IV) 5134- Biotechnology
	Commerce	(IV) 7334- Research Methodology
28/12/2019 (Saturday) I SEMESTER	Chemistry	(V) 4215 A - Biology for Chemist (V) 4215 B - Mathematics for Chemist (Only for Biology Student)
	Mathematics (I&III Semester)	IV & V (iii) 5353- Fluid Mechanics IV & V (viii) 5358- Financial Mathematics
	Physics	(V) 4915- Communication Electronics
	Zoology	(V) 5115- Molecular Biology
30/12/2019 (Monday) III SEMESTER	Chemistry	(V) 4235- Photo Chemistry
	Mathematics (I&III Semester)	IV & V (iv) 5354- Discrete Mathematics
	Physics	(V) 4935- Plasma Physics
	Zoology	(V) 5135- Bioinstrumentation, Biostatistics and Computational Biology
31/12/2019 Tuesday	Mathematics (I&III Semester)	IV & V (vii) 5357- Fourier Analysis
01/01/2020 (Wednesday)	Mathematics (I&III Semester)	IV & V (v) 5355-Computer Programming and Mathematical Computation
03/01/2020 (Friday)	Mathematics (I&III Semester)	IV & V (vi) 5356- Special Functions

Note : No guarantee can be given to the candidates regarding the order of the question papers.

Place : Nainital
Date : 23-11-2019


 23/11/19
 Controller of Examinations
 Kumaun University, Nainital