

KUMAUN UNIVERSITY, NAINITAL
Tentative Programme For M.Sc./ M.Com. [I and III Semester]
MAIN & BACK EXAMINATION-2018

Time : 09:00 AM - 12.00 NOON

| Date/Day & Semester | Subject | Paper Code & Paper Name |
|--|------------------------|--|
| 16-11-2018 (Friday) I Semester | Computer Sc. | (I) 4311- Advanced Computer System Architecture |
| | Military Science | (I) 3011- Military History of India |
| | Geology | (I) 4611 - Igneous Petrology |
| | Forestry | (I) 4411- Physical Environment & Forest Ecosystems |
| | Statistics | (I) 2911 / 5011 - Probability theory |
| | Information Technology | (I) 4711- Computer Fundamentals and Object Oriented Programming with C++ |
| 19-11-2018 (Monday) III SEMESTER | Computer Science | (I) 4331- .Net Framework and C# |
| | Military Science | (I) 3031- Insurgency and Counter Insurgency |
| | Geology | (I) 4631- Geodynamics |
| | Forestry | (I) 4431- Climate Change Remote Sensing and Geographical Information System |
| | Statistics | (I) 2931 / 5031- Multivariate Analysis |
| | Information Technology | (I) 4731- Software Engineering |
| 22-11-2018 (Thursday) I SEMESTER | Computer Science | (II) 4312- Operating System |
| | Military Science | (II) 3012- National Security of India |
| | Geology | (II) 4612 - Metamorphic Petrology |
| | Forestry | (II) 4412- Forest Biometry and Biostatistics |
| | Information Technology | (II) 4712- Database Models |
| | Statistics | (II) 2912 / 5012 - Advanced analysis & matrix theory |
| 26-11-2018 (Monday) I SEMESTER | Botany | (I) 4111- Microbiology (Bacteria, Viruses & Lichens) |
| | Chemistry | (I) 4211- Inorganic Chemistry-I |
| | Mathematics | (I) 5311- Real Analysis |
| | Physics | (I) 4911- Mathematical Methods |
| | Zoology | (I) 5111- Microbiology |
| | Commerce | (I) 7311- Business Management |
| 28-11-2018 (Wednesday) III SEMESTER | Botany | (I) 4131- Plant Ecology |
| | Chemistry | (I) 4231- Solid State Chemistry - III |
| | Mathematics | (I) 5331- Linear Algebra |
| | Physics | (I) 4931- Advanced Quantum Mechanics |
| | Zoology | (I) 5131- Chordata |
| | Commerce | (I) 7331- Corporate Tax Planning |
| 30-11-2018 (Friday) I SEMESTER | Botany | (II) 4112- Psychology |
| | Chemistry | (II) 4212- Organic Chemistry-I |
| | Mathematics | (II) 5312- Topology |
| | Physics | (II) 4912- Classical Mechanics |
| | Zoology | (II) 5112- Non-Chordata |
| | Commerce | (II) 7312- Statistical Analysis |
| | Military Science | (II) 3032- Science Technology and Nation |
| | Statistics | (II) 2932 / 5032 - Bioinformatics |

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| 03-12-2018 (Monday) III SEMESTER | Botany | (II) 4132- Cytogenetics and Plant Breeding |
| | Chemistry | (II) 4232-A/4232-B - Spectroscopy |
| | Computer Science | (II) 4332- Network Security and Cryptography |
| | Forestry | (II) 4432- Nursery Technology |
| | Geology | (II) 4632 - Remote Sensing and GIS |
| | Information Technology | (II) 4732- Artificial Intelligence |
| | Mathematics | (II) 5332- Measure Theory and Integration |
| | Physics | (II) 4932- Nuclear Physics |
| | Zoology | (II) 5132- Animal Behavior |
| | Commerce | (II) 7332- Advance Cost Accounting |
| 05-12-2018 (Wednesday) I SEMESTER | Military Science | (III) 3013- Disaster Management Risk Reduction and National Security |
| | Statistics | (III) 2913 / 5013 - Statistical methods |
| | Botany | (III) 4113- Mycology |
| | Chemistry | (III) 4213- Physical Chemistry |
| | Computer Science | (III) 4313- Mathematical Foundation of Computer Science |
| | Forestry | (III) 4413- Advances in Silviculture |
| | Geology | (III) 4613 - Sedimentary Petrology |
| | Information Technology | (III) 4713- Computer Networks & Web Technology |
| | Mathematics | (III) 5313- Differential Geometry & Tensor Calculus |
| | Physics | (III) 4913- Quantum Mechanics |
| | Zoology | (III) 5113- Ecology |
| | Commerce | (III) 7313- Economic of Growth |
| 07-12-2018 (Friday) III SEMESTER | Military Science | (III) 3033- Conflict and Peace Studies |
| | Statistics | (III) 2933/5033- Regression Analysis & Time Series |
| | Botany | (III) 4133- Plant Biotechnology |
| | Chemistry | (III) 4233- Chemistry for Biological System-III |
| | Computer Science | (III) 4333 A - Artificial Intelligence (III-I) (III) 4333 B- Fuzzy Logic & Design |
| | Forestry | (III) 4433- Management of Insect-Pest and Diseases |
| | Geology | (III) 4633 - Ground Water Hydrology |
| | Information Technology | (III) 4733- Programming in Java Basic |
| | Mathematics | (III) 5333- Numerical Analysis |
| | Physics | (III) 4933- Elementary Particle Physics |
| | Zoology | (III) 5133- Developmental Biology |
| | Commerce | (III) 7333- Financial Institutions & Markets |
| 10-12-2018 (Monday) I SEMESTER | Military Science | (IV) 3014- International Law |
| | Botany | (IV) 4114- Bryology and Pteridology |
| | Chemistry | (IV) 4214- Group Theory & Instrumentation Chemistry |
| | Computer Science | (IV) 4314- Advanced Database Systems |
| | Forestry | (IV) 4414- Agro-forestry Practices |
| | Geology | (IV) 4614 - Structural Geology |
| | Information Technology | (IV) 4714- Discrete Mathematics |
| | Mathematics | IV & V (i) 5351- Mathematical Statistics |

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| | (I&III Semester) | |
| | Physics | (IV) 4914- General Theory of Relativity and Cosmology |
| | Zoology | (IV) 5114- Taxonomy and Evolutionary Biology |
| | Commerce | (IV) 7314- Business Environment |
| 12-12-2018 (Wednesday) III SEMESTER | Military Science | (IV) 3034- Politics and Security of Indian Ocean |
| | Botany | (IV) 4134- Plant Physiology and Biochemistry |
| | Chemistry | (IV) 4234- Inter Disciplinary Topics in Chemistry-III |
| | Computer Science | (IV) 4334 (A) - Data Mining & Work Housing age Processing (IV) 4334 (B) - Image Processing |
| | Forestry | (IV) 4434 A - Research Methodology (IV) 4434 B - Computer Application & I.T. |
| | Geology | (IV) 4634 - Micro Paleontology & Oceanography |
| | Information Technology | (IV) 4734- Information Security |
| | Mathematics (I&III Semester) | IV & V (ii) 5352- Theory of Numbers |
| | Physics | (IV) 4934- Condensed Matter Physics |
| | Zoology | (IV) 5134- Biotechnology |
| Commerce | (IV) 7334- Research Methodology | |
| 14-12-2018 (Friday) 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 Dynamics IV & V (viii) 5358- Financial Mathematics |
| | Physics | (V) 4915- Communication Electronics |
| | Zoology | (V) 5115- Molecular Biology |
| 15-12-2018 (Saturday) III SEMESTER | Chemistry | (V) 4235- Photo Chemistry and Alic Chemistry |
| | Forestry | (V) 4435- Energy Plantation and Bio-fuels |
| | Mathematics (I&III Semester) | IV & V (iv) 5354- Discrete Mathematics |
| | Physics | (V) 4935- Plasma Physics |
| | Zoology | (V) 5135- Instrumentation, Biostatistics and Computational Biology |
| 17-12-2018 (Monday) | Mathematics (I&III Semester) | IV & V (vii) 5357- Fourier Analysis |
| 18-12-2018 (Tuesday) | Mathematics (I&III Semester) | IV & V (v) 5355- Computer Programming and Mathematical Computation |
| 19-12-2018 Wednesday | 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 : 26-10-2018


Controller of Examinations
Kumaun University, Nainital