

**KUMAUN UNIVERSITY, NAINITAL**  
**Programme of M. A./M.Sc./M. Com. III Semester**  
**Examination - 2015**

**Time : 11.00 AM - 2.00 PM**

Date/Day	Subject	Paper	Paper Code & Paper Name
<b>23-02-2016</b> <b>(Tuesday)</b>	Drawing & Painting	I	1131- History of European Painting
	Economics	I	1231- Advanced Macroeconomics I
	Education	I	1331- Sociological Foundations of Education
	English	I	1431- Literary Criticism and Theory till 19th Century
	Geography	I	1531/4531- Environmental Management and Sustainable Development
	Hindi	I	1631- आधुनिक हिंदी काव्य (छायावादोत्तर)
	Home Science	I	2031- Human Nutrition and Diet therapy
	History	I	<u>Ancient, Archaeology, Medieval &amp; Modern Indian Group</u> 1731, 1831 & 1931- Modern World History (AD1776-1870)
	Music	I	2231- Applied Theory of Music (Tabla) 2431- Applied Theory of Music (Vocal)
	Political Science	I	2531- Indian Political Thought
	Psychology	I	2631- Psychology of Personality
	Sanskrit	I	2731- व्याकरण
	Sociology	I	2831- Theoretical Perspective in Sociology
	Statistics	I	2931 / 5031- Multivariate Analysis
	Botany	I	4131- Plant Ecology
	Chemistry	I	4231- Solid State Chemistry
	Computer Science	I	4331- .Net Framework and C#
	Forestry	I	4431- Seed Science
	Information Technology	I	4731- Java Programming - I
	Mathematics	I	2131 / 4831 - Linear Algebra and Complex Analysis-I
Physics	I	4931- Advanced Quantum Mechanics	
Zoology	I	5131- Chordata	
Defence Studies	I	3031/5231 - Insurgency and Counter - Insurgency	
Commerce	I	6131- Corporate Tax Planning	


Date/Day	Subject	Paper	Paper Code & Paper Name
	Drawing & Painting	II	1132- Aesthetics (Western)
	Economics	II	1232- International Economics I
	Education	II	1332- Teachers Education
	English	II	1432- 20th Century Non – Fictional Prose
	Geography	II	1532- Agricultural Geography & Agro-ecosystem Management
27-02-2016 (Saturday)	History	II	<u>Ancient, Archaeology, Medieval &amp; Modern Indian Group</u> 1732, 1832 & 1932- Indian National Movement (Pre Gandhian Era)
	Hindi	II	1632- भाषा विज्ञान
	Home Science	II	2032- Communication Process
	Music	II	2232- General Theory of Music (Tabla) 2432- General Theory of Music (Vocal)
	Political Science	II	2532- Indian Administration
	Psychology	II	2632- Psychology of Guidance & Counselling
	Sanskrit	II	2733- गद्य एवं ऐतिहासिक काव्य
	Sociology	II	2832- Sociology of Development : Concept and Theories
	Statistics	II	2932 / 5032 - Bioinformatics
	Botany	II	4132- Cytogenetics and Plant Breeding
	Chemistry	II	4232- Spectroscopy
	Computer Science	II	4332- Network Security and Cryptography
	Forestry	II	4432- Nursery Technology & Wood Management
	Geology	II	4632 - Mineral Exploration and Mineral Economics
	Information Technology	II	4732- Operating Systems - I
	Mathematics	II	2132 / 4832- Topology-I
	Physics	II	4932- Nuclear Physics
	Zoology	II	5132- Animal Behaviour
	Defence Studies	II	3032/5232 - Science, Technology and National Security
	Commerce	II	6132- Advance Cost Accounting
	02-03-2016 (Wednesday)	Economics	III
English		III	1433- Indian Literature in English-A
Geography		III	1533- Rural Development Planning
History		III	<u>Ancient and Archaeology Group -</u> 1733 & 1833-Society and Culture of India (up to 320 AD) <u>Medieval &amp; Modern Indian Group -</u> 1933 - Society & Culture of India (1206-1707 AD)

Date/Day	Subject	Paper	Paper Code & Paper Name
02-03-2016 (Wednesday)	Hindi	III	1633- निबंध एवं स्मारक साहित्य
	Home Science	III	2033- Apparel Designing
	Political Science	III	2533- Political Ideology
	Psychology	III	2633- Psychopathology-I
	Sanskrit	III	2734- नाट्यशास्त्र
	Sociology	III	2833- Studies of Tribes and Weaker Sections
	Statistics	III	2933 / 5033- Regression Analysis And Time Series
	Botany	III	4133- Plant Biotechnology
	Chemistry	III	4233- Bio-inorganic and Bio-physical Chemistry
	Computer Science	III	4333- Artificial Intelligence (III{i})
	Forestry	III	4433- Nutrient Management
	Geology	I	4631- Economic Geology
	Information Technology	III	4733- Software Engineer-I
	Mathematics	III&IV(ii)	2152 / 4852- Electricity & Magnetism
		III&IV(v)	2155 / 4855 - Theory of Numbers - I
		III&IV(xiii)	2161 / 4861 - Special Functions and Partial Differential Equations - I
		III&IV(viii)	2163 / 4863 - Operations Research - I
	Physics	III	4933- Elementary Particle Physics
Zoology	III	5133- Developmental Biology	
Defence Studies	III	3033/5233 - Conflict and Peace Studies	
Commerce	III	6133- Financial Institutions & Markets	
08-03-2016 (Tuesday)	Economics	IV (i)	1281- Research Methodology and Essay <u>OR</u>
		IV (iii)	1283- Agricultural Economics-I <u>OR</u>
		IV (iv)	1284- Labour Economics <u>OR</u>
		IV (vii)	1287- Advanced Statistics <u>OR</u>
		IV(viii)	1288- Demography <u>OR</u>
		IV(ix)	1289- Industrial Economics <u>OR</u>
		IV(xv)	1295- History of Economic Analysis
	English	IV (i)	1481- American Literature –A <u>OR</u>
IV (ii)		1482- Indian Literature in Translation-A <u>OR</u>	
IV (iii)		1483- Linguistics-A	
Geography	IV (i)	1534- Climatology & Climate Change Impacts & Adaptation <u>OR</u>	
	IV (ii)	1535- Social & Cultural Geography <u>OR</u>	
	IV (iii)	1536- Glacial geomorphology	
History	IV	<u>Ancient and Archaeology Group -</u> 1734 & 1834- Political and Economic History of India (700 AD-1200 AD) <u>Medieval &amp; Modern Indian Group -</u> 1934- Political & Economic History of Modern India (AD1707-1857)	
Hindi	IV(i)	1634- हिंदी भाषा <u>अथवा</u>	
	IV(ii)	1635- कुमाउनी भाषा	
Home Science	IV	2034- Life Span Development	

Date/Day	Subject	Paper	Paper Code & Paper Name	
08-03-2016 (Tuesday)	Political Science	IV(i)	2534- India in World Affairs	<u>OR</u>
		IV(ii)	2535- Political Sociology	<u>OR</u>
		IV(iii)	2536- Local Self Government	<u>OR</u>
		IV(iv)	2537 - Green Political Thought	
	Psychology	IV	2634- Fundamental of Clinical Psychology	
	Sanskrit	IV	2735- काव्यशास्त्र	
	Sociology	IV	2834- Criminology	
	Botany	IV	4134- Plant Physiology and Biochemistry	
	Chemistry	IV	4234- Bio-organic Chemistry	
	Computer Science	IV	4336- Image Processing (IV {ii})	
	Forestry	IV	4434- Management of Insect-pest and Diseases	
	Geology	II	4632 - Mineral Exploration and Mineral Economics	
	Information Technology	IV	4734- Artificial Intelligence-I	<u>OR</u>
			4735- Programming with Visual Basic .Net-I	
	Mathematics	IV(iv)	2154 / 4854- Functional Analysis-I	
		III&IV(vi)	2156 / 4856- Mathematical Statistics - I	
III&IV(vii)		2157 / 4857- Modern Algebra- I		
Physics	IV	4934- Condensed Matter Physics		
Zoology	IV	5134- Biotechnology		
Defence Studies	IV	3034/5234 - Politics and Security of India Ocean		
Commerce	IV	6134- Research Methodology		
10-03-2016 (Thursday)	Mathematics	III&IV(ix)	2159 / 4859 - Riemannian Geometry - I	
	Geology	III	4633- Remote Sensing and GIS Applications	
12-03-2016 (Saturday)	Chemistry	V	4235- Photo Chemistry and Allied Chemistry	
	Forestry	V	4435- Energy Plantation and Bio-fuels	
	Geology	IV	4634- Micro-Palaeontology and Ocenography	
	Mathematics	III&IV(viii)	2158 / 4858- Relativity - I	
	Physics	V	4935- Plasma Physics	
Zoology	V	5135- Instrumentation, Biostatistics and Computer Application		

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

Place : Nainital  
Date : 25-01-2016

  
Controller of Examinations  
Kumaun University, Nainital  
