

**H.N.B. GARHWAL UNIVERSITY, SRINAGAR (GARHWAL)**  
**M.Sc./LL.M III Semester Examination Schedule (Session 2020-2021)**

Subject	Paper & Date									Time: 08AM. –09 AM.
	31.03.2021 Wednesday	03.04.2021 Saturday	06.04.2021 Tuesday	08.04.2021 Thursday	10.04.2021 Saturday	13.04.2021 Tuesday	14.04.2021 Wednesday	15.04.2021 Thursday	16.04.2021 Friday	
<b>Anthropology (MSc/MA)</b>	Applied Anthro.	C-013 Medical Anthropology	E-02 (B) Tribal India	E- Human Growth Development / Linguistic Anthro	E- Human Evolution and Variation / Communication & Visual Anthro	<b>Self Study</b>				
<b>Agronomy</b>	Dry Land Farming	Management of Problem Soils	Modren Concept in Crop Production	Crop Ecology	Cropping Systems and Sustainable Ag.	Soil Taxonomy Survey and Remote Sensing	Storage Insect Pest and their Mgt.	<b>Self Study</b>		
<b>Ag. Botany</b>	Population and Biometrical Genetics	Seed Production Technology	Breeding Field Crops-I (Kharif)	Molecular Genetics	Crop Physiology	<b>Self Study</b>				
<b>Biotechnology</b>	C-014 Recom. DNA Tech. & Genomics	C-013 Bioinfo., Legal Biotech. & Bio Busi. Mgmt.	E-01(a) Food & Bev. Biotech. / (b) Research Method./ (c) Chemical Sci. & Bio.	E-02 (a) Pharma. Biotech. & Drug Design./ (b) Plant Biotech./ (c) Advance Bioinformat.	<b>Self Study</b>					
<b>Botany</b>	- - - - -	- - - - -	C-013 Plant Physiology & Biochem.	C-014 Ecology & Remote Sensing	E-01 ( A to D )	E-002 (A toD )	<b>Self Study</b>			
<b>Biochemistry</b>	C-014 Mol. Biology.	C-015 Enzymology	E-001 Methods in Mol. Biology.	E-002 Clinical Biochem.	E-003 Outline of Biotech.	<b>Self Study</b>				
<b>Chemistry</b>	C-015 Organomettallic Chem. / 018 Org. Synth.Photochem / 021 Chem. of Materials	E-001-Spectro., X-ray & Solid State	E-02-Bioinorg., Bioorg., Biophy. Chem. I	E- 05(B) Spectroscopy & Solid State/ 08(C) Liquid State	E-04(A) Analytical Chem./ 06(B) Organomet. Reagents & Org. Synthesis	E-07(B) Medcinal Chemistry	<b>Self Study</b>			
<b>Environmental Science</b>	C-013 Env. Economis Env . Sociology and Sunst. Dpt.	C-014 Remote Sensing, GIS and Env Statistics.	E-02 Env Geosci. and Disaster mgt.	E-03 BioDiversity Conservation. and Restoration Ecology	<b>Self Study</b>					
<b>Geology</b>	C-013 Igneous Petrology & Geochemisrty	C-014 Engg. Geology.	E-001 Sedi. & Metamorphic Petrology	E-002 Mineral Exploration & Mining	<b>Self Study</b>					
<b>Home Science</b>	Public Nutrition	Advanced Nutrition	Nutrition Management and Health	Nutrition in emergencies and Disasters	Food Hygiene and Sanitation					
<b>Horticulture</b>	C-012 Advances in Post Harvest Tech. & Mgmt. of Fruit & Veg.	C-013 Protected Cult. of Hort. Crops	C-014 Advances in Floriculture & Landscaping	E-001 Growth & Dev. of Plants	E-002 Dry Land Horticulture	E-003 Advances in Breeding of Veg. Crops	<b>Self Study</b>			
<b>Forestry</b>	C-016 Seed Collection, Storage and Testing C-020 Agroforestry System	C-017 Vegetative Propagation techniqcs C-021 Soil & Water Mgmt.	C-018 Weed Mgt. in Nursery & Plantation C-022 Principles of Crop Prod.	C-019 Nutrient Magt. C-023 Economics of Agroforestry.	E-06 Modern Nursery Production. E-010 Fruit Trees & Shrubs	E-07 Energy Plantation & Bio-fuels E-011 Management & Productivity in Agro System	E-012 Rangeland & mgt.	E-04 Computer	E-09 Production Mgt. in Plantation Forestry E-013 Watersheed Management	

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Himalayan Aqutic Biodiversity	C-014 Climate Change and Aqutic Biodiversity	C-013 Biostatistics	E-01 Fresh Water Agal Flora of Himalaya	E-02 Environmental Pollution	Self Study					
Microbiology	- -	- - -	C-013 Medical Micro	C-014 Industrial Microbiol	E-015(A to F)	E-016 (A to F)	Self Study			
Mathematics	C-013 Topology	C-014 Diff Equation	C-001 Diff. Geometry	E-02 Mathematical Statistics	E-003 Calculus of Variation	E-004 Computer Fundamental and Data Structure	E-005 Algebraic Coding Theory	Self Study		
Medicinal & Aromatic Plants	C-011 Intro. Herbal Biotech.	C-012 Integrated Disease & Pest Mgmt.	C-013 Research Method. & Intro. Biostat.	E-01(B) Alpine Species/Temperate E-01(C) Tropical	E-305-A,B,C.	Self Study				
Physics	C-011 Adv. Quantum Mech.	C-012 Nuclear Physics	E-01 Condensed Matter Phys. A	E-02 Electronics A	003 Laser Phys. A	E-004 High Energy Phys. A	E-005 Astrophysics A	Self Study		
Pharmaceutical Chemistry	C-013 Drug Design	E-001/ General Pharmaceu-tics	E-002/ Pharmacodyn-amic Agents	E-003 Phytopharm-aceuticals & Nutraceutic-als	E-004 Computers	E-005 Biostatistics	E-006 Pharmaceuti-cal Biochemistry	E-007 Advance Drug Delivery System.	E-008 Spectroscopy.	
Rural Technology	C-011 Medicinal and Aromatic Plat	C-012 Disaster Mitigation and Mgt.	C-013 Fundamentals of Remote Sensing and GIS	E-001 A Rural Energy Resources Mgt.	E-002 B Rural Marketing Mgt.	E-003 C Introduction to Apiculture	Self Study			
Remote Sensing & GIS	C-013 Forest Classification & Mapping	C-013 Forest Inventory & Management	E-01 Ecosystem Analysis	E-02 Eco Devlp.	Self Study					
Seed Science	C-013 Seed Marketing & Management	C-014 Seed Biotechnology	E-001 Basic Concept in Lab. Techniques	E-002 Germplasm Collection, Exchange & Quarantine	E-003 Seed Production in Field Crop	Self Study				
Statistics (MSc/MA)	E-008 Research Methodology & Project work I	E-002 Statistical Computing	C-013 Multivariate Analysis & Curve Fitting	E- 001 Advanced Operations Research I	E-007 Nonparametric & Semiparametric Methods	Self Study				
Zoology	C-014 Ecology & Wildlife	C-013 Animal Diversity-II (Chordata)	E-01(a) Fish Biol -I./ (b) Entomo-I./ (c) Env. Biol -I./ (d) Repro. Biol. I	E-01(a) Fish Biol II./ (b) Entomol II./ (c) Env. Biol II./ (d) Repro. Biol II	Self Study					
LL.M	C-014 Human Rights	C-012 Mass Media Law	C-013 Public Utilities Law	E-01 (a) Contract Law	E-02 (a) Insurance Law	E-03 (a) Company Law	Self Study			

नोट: **Self Study Course** का पेपर अधिकतम 60 अंक का होगा। **Self Study Course** का पेपर कालेज स्वयं अपने स्तर पर चिन्हित प्रश्न-पत्र में से या कालेज द्वारा न पढ़ाये जा रहे **ELECTIVES** में से बनाकर विष्वविद्यालय द्वारा परीक्षा कार्यक्रम में दी गयी तिथि के अनुसार परीक्षा आयोजित करें, एवं उनका स्वयं मूल्यांकित (लिखित एवं सेशनल अंको सहित) कर अंकतालिका एक सप्ताह के अन्दर विष्वविद्यालय के परीक्षा नियन्त्रक कार्यालय को प्रेषित करें।

**Note: Pharmaceutical Chemistry: Paper- E009 Applied Microbiology Biotech. Date: 17-04-2021**

**Self Study Course: Forestry Paper Date: 17-04-2021, Pharmaceutical Chemistry Paper Date: 19-04-2021,**

**Controller of Examination**

**Ref: Coe/2021**

**Dated: 15-03-2021**

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<b>Ancient Indian History,Culture &amp;Archaeology</b>	C-013 History of India 650-1200 CE	C-014 Paleography & Epigraphy	C-015 Beginning of Indian Coinage	E-01(A) Bioarchaeology/	E-02(A) Ethnoarchaeology	E-03(A) Geoarchaeology	<b>Self Study</b>			
<b>Defense Studies (M.A./M.Sc)</b>	C-015 Concept of War & Peace	C-013 Defense Economics I	C-014 Military Geography	E-01(A) Theories of Guerilla Warfare	E-02 (A) Politics of India Ocean	<b>Self Study</b>				
<b>Drawing &amp; Painting</b>	- - -	- -	C-011 History of European Painting	C-012 History of Modern Painting of India	E-002 Art of China & Japan	<b>Self Study</b>				
<b>English</b>	C-013 Twentieth Century Poetry	C-014 Indian Texts & Poetry	C-015 Literary Criticism-III	E-01(A) Commonwealth .Lit./ (B) Translation Studies	E-02(A) World Classics in Translation/ (B) European Literature in Translation	E-03(A) Modern Indian Writing/ (B) Indian Literature in Translation	<b>Self Study</b>			
<b>Economics</b>	C- Public – Finance	C- Demography-I	E –Agriculture. Economics-I	E- Labour Economics-I	E-Industrial Economics	E-Regional Economics	E- Economics Of Rrual Development	E- Econometrics-I	E- Financial Inst. and Market	
<b>M.E.E (Ext. Education)</b>	Extention Programme Mgt.	Ext. Methods and Techniques	Environmental Education.	Population Edu.	<b>Self Study</b>					
<b>Education</b>	C-013 Psychological Testing	C-014 Environmental Education	C-015 Special Education-I	E-01 Educational Administrtion	E-002 Clinical and Social Psychology	E-003 Intelligence Crativity and Education	<b>Self Study</b>			
<b>History</b>	C-013 Historical Writings: Schools & Historians	C-014 Historical Tourism	C-015 Twentieth Century World 1914-1945	E-01-A /B /C Ani / Mid/ Modren	E-02-A /B /C Ani / Mid/ Modren	E-03-A / B/ C Ani / Mid/ Modren	<b>Self Study</b>			
<b>Home Science</b>	C-014Dyeing & Printing	C-013 Community Nutrition	E 001 Advance Food and Nutrition	E 002 Organizsation & Mangt.to Early Childhood Education Centre	E 003 Consumer Education	E 004 Early Childhood Education	E 005 Traditional Indian Embroidery	<b>Self Study</b>		
<b>Hindi</b>	- - -	C-013 हिन्दी आलोचना साहित्य	C-014 प्रयोजनमूलक हिन्दी (कामकाजी) हिन्दी एवं हिन्दी कम्प्यूटिंग	C-015 भारतीय साहित्य	E-01(A) (विकल्प) सूरदास / (B) गोस्वामी तुलसीदास / © लोकसाहित्य	E-02(A) (विकल्प) हिन्दी उपन्यास साहित्य / (B) नाटक एवं रंगमंच	E03(A) (विकल्प) दृष्य श्रव्य माध्यम लेखन / (B) राजभाषा-प्रशिक्षण / © छायावादी काव्य	<b>Self Study</b>		

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<b>Geography (M.A./M.Sc)</b>	C-014 Model & Theory in Human Geography	C-013 Research Method. & Techniques	E-001 Biogeography	E-002 Geohydrology	E-003 Natural Hazards & Disaster Mgmt.	E-004 Urban Geography	E-005 Political Geography	E-006 Cultural Geography	E-007 Geography of Soil & Land use	E-008 Geographical Information	
<b>M.S.W.</b>	C-013 Social Statistics & Computer Application	C-011 Social Policy, Planning & Dev.	C-012 Social Welfare Administration & Social Action	E-01(A) Social Ecology, Environment & Mgmt./ (B) Dev. of Youth & Welfare of Aged	<b>Self Study</b>						
<b>Music</b>	- - -	- - -	E-3 /3 General & Applied Theory Vocal /Tabla	E- 3/4 History & Applied Theory Vocal /Tabla	<b>Self Study</b>						
<b>Mass Com.</b>	C-013 Radio: Journalism & Prod-I	C-014 Television: Journalism & Prod-I	C-015 Advanced Advertising	E-01(A) International Communication/ (B) Society & Communication Media	E-02(A) Human Rights & Mass Media/ (B) Health Comm.	<b>Self Study</b>					
<b>Political Science</b>	C-013 Indian Political Thought	C-014 India Foreign Policy	C-015 Public Administration	E-01(A) Politics of International Financial Instt./ (B) Regional Dev. in India/ (C) Parties & Electoral Politics in India	E-02(A) Politics of International Trade/ (B) Politics of Himalayan States/ (C) Contemporary Politics in India	E-03(A)-Regional Org./ (B) Financial Admin./ © Woman Empowerment	<b>Self Study</b>				
<b>Psychology</b>	- - -	C-013 Personality	C-014 Psychological Testing: Applications	C-015 Social Psychology	E-01(a) Group A/ Group B/ Group C	E-02(b) Group A/ Group B/ Group C	<b>Self Study</b>				
<b>Philosophy</b>	Theories of Contemporary Western Philosophy	Yoga and Applied Philosophy	Introduction to Research Methodology	Indian Epistemology	Fundamental Socio Poitic Philosophy	Philisophical Essays	<b>Self Study</b>				
<b>Sociology</b>	- - - -	C-013 Classical Sociological Theory	C-014 Rural Sociology	E-01(A) Social Movements/ (B) Sociology of Human Right & uties	E-02(A) Urban Sociology/ (B) Sociology of Peasantry	E-03(A) Political Sociology/ (B) Health & Society	<b>Self Study</b>				

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<b>Sanskrit</b>	C-014 साहित्यशास्त्र और नाट्यशास्त्र	C-013 निबन्ध और गढ़वाल के प्रमुख तीर्थस्थल	015 खण्डकाव्य ओर स्तोत्रकाव्य	E-01(a) साहित्य वर्ग, नाटिका और नाट्यशास्त्र	E-02(a) साहित्य वर्ग, काव्यशास्त्र	E-03(a) साहित्य वर्ग, गद्यशास्त्र और चम्पूकाव्य	<b>Self Study</b>			
<b>Theater</b>	- -	Acting Theory	Drama Literature	Folk Theater & Folk Art of Uttarakhand	<b>Self Study</b>					
<b>M.Com</b>	C-013 International Business	C-014 Mgmt. of Financial Services	C-015 Income Tax Law & Practice	E-01(A) Financial Market & Inst.	E-01 (B) Consumer Behaviour	E-02(A) Security Analysis & Portfolio Mgmt.	E-02(B) Marketing Communication	<b>Self Study</b>		
<b>M.Ed.</b>	Research Methods- II.	Teacher Education- II Issues & Challenges.	Elementary Edu- Early Childhood Care Edu. Or Institutional Planning & Management of Secondary & Senior Secondary Education	Universal Elem Edu. Or Preparation of Secondary and Higher of Secondary school Teachers Pre Service & In Service.						

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**नोट : Economics Self Study Date; 17-04-2021, Geography Self Study Date; 19-04-2021**

**Controller of Examination**

**Ref: Conf/2021**

**Dated: 15-03-2021**