

# Soban Singh Jeena University, Almora

Semester Examination 2022-2023

Re-Revised Programme for M.A. / M.Sc. IV Semester

Time: 11:00 AM - 02:00 PM

| Day & Date             | Subject                                     | Paper Number, Paper Code and Paper Name                                                                                                  |
|------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 10/08/2023<br>Thursday | English                                     | I ENGS4121 20 <sup>th</sup> Century Literary Criticism and Theory                                                                        |
|                        | Economics                                   | I ECOS4121 Advanced Macro Economics                                                                                                      |
|                        | Sociology                                   | I SOCS4121 Modern Sociological Perspective                                                                                               |
|                        | Psychology                                  | I PSYS4121 Theories of Personality                                                                                                       |
|                        | Political Science                           | I POLS4121 समकालीनराजनीतिक दृष्टि                                                                                                        |
|                        | Music                                       | I MUSS4121 Applied theory of Music                                                                                                       |
|                        | History                                     | I HISS4121 Modern World History (A.D. 1871-1945)                                                                                         |
|                        | Hindi                                       | I HINS4121A or B or C<br>कुमाउनी साहित्य<br>Or<br>उत्तराख के हिंदी कहि<br>Or<br>उत्तराख के हिंदी कथाकाव्य                                |
|                        | Sanskrit                                    | I SANS4121 व्याकरण एवं निबन्ध                                                                                                            |
|                        | Home Science                                | I HOMS4121 Indian Embroidery and Textiles                                                                                                |
|                        | Drawing and Painting                        | I MDPS4121 European and Western Painting                                                                                                 |
|                        | Geology                                     | I GELS4621 Engineering Geology                                                                                                           |
|                        | Geography<br>M.A. / M.Sc.                   | I GEOS4121 Advanced Geography of Uttarakhand                                                                                             |
|                        |                                             |                                                                                                                                          |
| 11/08/2023<br>Friday   | Mathematics<br>M.A. / M.Sc.                 | I MATS4621 Dynamics of Rigid Bodies                                                                                                      |
|                        | Statistics<br>M.A. / M.Sc.                  | I STAS4621 Stochastic Process and Reliability Theory                                                                                     |
|                        | Defence & Strategic Studies<br>M.A. / M.Sc. | I DEFS4621 Defence Economics                                                                                                             |
|                        | Physics                                     | I PHYS4621 Advanced Electronics – I (a)<br>Or<br>High energy Physics – I (b)                                                             |
|                        | Chemistry                                   | I CHES4621A or B or C<br>General and Organometallic Chemistry<br>Or<br>Organic Synthesis<br>Or<br>Physical Organic and Quantum Chemistry |
|                        | Computer Science                            | COMS4621<br>Machine Learning                                                                                                             |

|  |         |                                                                                                    |
|--|---------|----------------------------------------------------------------------------------------------------|
|  | Zoology | <b>I ZOOS4621 A General Ichthyology<br/>Or<br/>I ZOOS4621 B Systematics and Applied Entomology</b> |
|--|---------|----------------------------------------------------------------------------------------------------|

|                        |                                             |                                                                                                   |
|------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------|
|                        |                                             | <b>Or<br/>I ZOOS4621 C Animal Cell Culture<br/>Or<br/>I ZOOS4621 D Fundamentals of Immunology</b> |
|                        | Botany                                      | <b>I BOTS4621 Plant Resource, Utilization and Conservation</b>                                    |
|                        | Forestry                                    | <b>I FORS4621 Forest Products and Industries</b>                                                  |
|                        | Information Technology                      | <b>I MITS4621 Advanced Java</b>                                                                   |
| 12/08/2023<br>Saturday | English                                     | <b>II ENGS4122 Indian Literature in English after 1960</b>                                        |
|                        | Economics                                   | <b>II ECOS4122 International Economics</b>                                                        |
|                        | Sociology                                   | <b>II SOCS4122 Sociology of Development in Indian Context</b>                                     |
|                        | Psychology                                  | <b>II PSYS4122 Counselling Psychology</b>                                                         |
|                        | Political Science                           | <b>II POLS4122 राजनीतिकविचार (लॅनिन से राल्स)</b>                                                 |
|                        | Music                                       | <b>II MUSS4122 General Theory of Music</b>                                                        |
|                        | History                                     | <b>II HISS4122 Indian National Movement (A.D. 1919-1950)</b>                                      |
|                        | Hindi                                       | <b>II HINS4122A or B</b><br>लोकसाहित्<br><br><i>Or</i><br>कुमाउनी लोकसाहित्                       |
|                        | Sanskrit                                    | <b>II SANS4122 संस्कृतप्रकरण एवं चम्पू</b>                                                        |
|                        | Home Science                                | <b>II HOMS4122 Housing and Interior Decoration</b>                                                |
|                        | Drawing and Painting                        | <b>II MDPS4122 Environmental folk and Tribal Art</b>                                              |
|                        | Geology                                     | <b>II GELS4622 Tectonic Geomorphology</b>                                                         |
|                        | Geography<br>M.A. / M.Sc.                   | <b>II GEOS4122 Population Geography and Human Resource Development</b>                            |
| 14/08/2023<br>Monday   | Mathematics<br>M.A. / M.Sc.                 | <b>II MATS4622 Functional Analysis</b>                                                            |
|                        | Statistics M.A. / M.Sc.                     | <b>II STAS4622 Statistical Computing</b>                                                          |
|                        | Defence & Strategic Studies<br>M.A. / M.Sc. | <b>II DEFS4622 Geo-Politics and Military Geography</b>                                            |
|                        | Physics                                     | <b>II PHYS4622 Advanced Electronics – II (a)<br/>Or<br/>High energy Physics – II (b)</b>          |

|  |           |                                                                                                                                                                              |
|--|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Chemistry | <b>II CHES4622A or B or C</b><br><b>Environmental Chemistry</b><br><b>Or</b><br><b>Medicinal Chemistry</b><br><b>Or</b><br><b>Advanced Chemical Dynamics, thermodynamics</b> |
|--|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                         |                        |                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Computer Science       | <b>COMS4622</b><br><b>Internet of Things</b>                                                                                                                                                                                                                         |
|                         | Zoology                | <b>II ZOOS4622 A Applied Ichthyology</b><br><b>Or</b><br><b>II ZOOS4622 B Biology of Insects : Morphology, Physiology &amp; Development</b><br><b>Or</b><br><b>II ZOOS4622 C Transgenic, Cloning and IPR</b><br><b>Or</b><br><b>II ZOOS4622 D Applied Immunology</b> |
|                         | Botany                 | <b>II BOTS4622A or B or C</b><br><b>Forest Ecology</b><br><b>Or</b><br><b>Plant Pathology</b><br><b>Or</b><br><b>Taxonomy of Angiosperms</b>                                                                                                                         |
|                         | Forestry               | <b>II FORS4622 Forest Plantation and Bio-Fuels</b>                                                                                                                                                                                                                   |
|                         | Information Technology | <b>II MITS4622 Management Information System</b>                                                                                                                                                                                                                     |
|                         |                        |                                                                                                                                                                                                                                                                      |
| 16/08/2023<br>Wednesday | English                | <b>III ENGS4123 A or B or C</b><br><b>Post-Second World War American Literature</b><br><b>Or</b><br><b>Post Independence Indian Literature in Translation</b><br><b>Or</b><br><b>Applied Linguistics and Stylistics</b>                                              |
|                         | Economics              | <b>III ECOS4123 Economics of Growth and Development</b>                                                                                                                                                                                                              |
|                         | Sociology              | <b>III SOCS4123 Gender and Society</b>                                                                                                                                                                                                                               |
|                         | Psychology             | <b>III PSYS4123 Psychopathology II</b>                                                                                                                                                                                                                               |
|                         | Political Science      | <b>III POLS4123 अन्तर्राष्ट्रीयसंबंध नव भीतयुद्ध</b>                                                                                                                                                                                                                 |
|                         | History                | <b>III HISS4123MM or AN</b><br><b>Society and culture of India (1708A.D.-1950)</b><br><b>Or</b><br><b>Society and culture of India (320A.D.-1200A.D.)</b>                                                                                                            |

|          |                                                                                                                                                |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Hindi    | <b>III HINS4123A or B or C or D पेमेंच</b><br><i>Or</i><br>सूदास<br><i>Or</i><br>कबी <i>Or</i><br>सुमित् नंदन पंत<br><b>Or</b> मिन्<br>पत्कात् |
| Sanskrit | <b>III SANS4123 काव्य"ास्त्र</b>                                                                                                               |

|                        |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Home Science                                | <b>III HOMS4123 Entrepreneurship Development</b>                                                                                                                                                                                                                                                                                                                                                                                             |
|                        | Geology                                     | <b>III GELS4623 Mineral Exploration and Mineral Economics</b>                                                                                                                                                                                                                                                                                                                                                                                |
|                        | Geography<br>M.A. / M.Sc.                   | <b>III GEOS4123 Biogeography</b>                                                                                                                                                                                                                                                                                                                                                                                                             |
|                        | Mathematics<br>M.A. / M.Sc.                 | <b>III MATS4623 Calculus of variations and Integral Equations</b>                                                                                                                                                                                                                                                                                                                                                                            |
|                        |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 17/08/2023<br>Thursday | Defence & Strategic Studies<br>M.A. / M.Sc. | <b>III DEFS4623 Defence Psychology</b>                                                                                                                                                                                                                                                                                                                                                                                                       |
|                        | Statistics<br>M.A. / M.Sc.                  | <b>III STAS4623 Econometrics</b>                                                                                                                                                                                                                                                                                                                                                                                                             |
|                        | Forestry                                    | <b>III FORS4623 Ecotourism: Concept and Approaches</b>                                                                                                                                                                                                                                                                                                                                                                                       |
|                        | Chemistry                                   | <b>CHES4623B Chemistry of Natural Products and Heterocyclic Compounds</b>                                                                                                                                                                                                                                                                                                                                                                    |
|                        |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 18/08/2023<br>Friday   | Economics                                   | <b>IV ECOS4124A or B or C or D or E or F or G or H</b><br><b>Advanced Statistics</b><br><b>Or</b><br><b>1-Agricultural Economics 2-History of Economic Thought</b><br><b>Or</b><br><b>Labour Economics</b><br><b>Or</b><br><b>Demography</b><br><b>Or</b><br><b>Industrial Economics</b><br><b>Or</b><br><b>Research Methodology and Essay</b><br><b>Or</b><br><b>Econometrics</b><br><b>Or</b><br><b>Computer Applications in Economics</b> |
|                        | Sociology                                   | <b>IV SOCS4124 Social Demography</b>                                                                                                                                                                                                                                                                                                                                                                                                         |
|                        | Psychology                                  | <b>IV PSYS4124 Psychotherapies</b>                                                                                                                                                                                                                                                                                                                                                                                                           |
|                        | Political Science                           | <b>IV POLS4124 मानवाधिकार</b><br><b>Or</b><br><b>IV POLS4124B International Organization</b>                                                                                                                                                                                                                                                                                                                                                 |
|                        |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |

  
 परीक्षा नियंत्रक  
 Controller Of Examination  
 Soban Singh Jeena University  
 Almora-263601  
 (Uttarakhand)

|                        |                                             |                                                                                                                                       |
|------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                        | Home Science                                | <b>IV HOMS4124 Community Nutrition and Public Health</b>                                                                              |
|                        | Geology                                     | <b>IV GELS4624 A or B<br/>Himalayan Geology<br/>Or<br/>Palaeoclimatology</b>                                                          |
|                        | Geography<br>M.A. / M.Sc.                   | <b>IV GEOS4124 A or B or C<br/>Integrated Watershed Management<br/>Or<br/>GIS and GPS Applications<br/>Or<br/>Disaster Management</b> |
|                        |                                             |                                                                                                                                       |
| 19/08/2023<br>Saturday | Defence & Strategic Studies<br>M.A. / M.Sc. | <b>IV DEFS4624 Area Studies of South Asia in context of any two selected Countries</b>                                                |
|                        | Forestry                                    | <b>IV FORS4624 Dissertation/ Environmental Science</b>                                                                                |
| 24/08/2023<br>Thursday | Mathematics<br>M.A. / M.Sc                  | <b>IV MATS4624A Riemannian Geometry</b>                                                                                               |
| 25/08/2023<br>Friday   | Mathematics<br>M.A. / M.Sc                  | <b>IV MATS4624B Operations Research</b>                                                                                               |
| 26/08/2023<br>Saturday | Mathematics<br>M.A. / M.Sc                  | <b>IV MATS4624C Relativity</b>                                                                                                        |

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

Place: Almora

Date: 07/08/2023