



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS-DEC-2019

M.Sc. (Ag.) Horticulture Semester I

Time Allowed: 3 Hours

Time: 2:00 P.M. to 5:00 P.M.

Date	Paper
12.12.2019	Tropical and dry land Fruit Production
14.12.2019	Production Technology of Warm Season Vegetable Crops
17.12.2019	Land Scaping and Ornamental Gardening
19.12.2019	Insect Pests of fruits, Vegetables, Spices and Medicinal Plants

M.Sc. (Ag.) Extension Semester I

Time Allowed: 3 Hours

Time: 2:00 P.M. to 5:00 P.M.

Date	Paper
12.12.2019	Development Perspectives of Extension Education
14.12.2019	Development Communication and Information Management
17.12.2019	Fundamentals of Rural Sociology
19.12.2019	Agriculture Marketing and Price Analysis

M.Sc. (Ag.) Agronomy Semester I

Time Allowed: 3 Hours

Time: 2:00 P.M. to 5:00 P.M.

Date	Paper
12.12.2019	MODERN CONCEPTS IN CROP PRODUCTION
14.12.2019	AGRONOMY OF MAJOR FIELD CROPS (KHARIF)
17.12.2019	TILLAGE IN CROP PRODUCTION
19.12.2019	SOIL FERTILITY MANAGEMENT AND FERTILIZER USE

M.Sc. (Ag.) Soil Science and Agriculture Chemistry Semester I

Time Allowed: 3 Hours


Time: 2:00 P.M. to 5:00 P.M.

Date	Paper
12.12.2019	SOIL CHEMISTRY
14.12.2019	SOIL FERTILITY AND PLANT NUTRITION
17.12.2019	MANAGEMENT OF PROBLEM SOILS AND WATER
19.12.2019	PRINCIPLES AND PRACTICES OF SOIL FERTILITY AND NUTRIENT MANAGEMENT

- Note:** (a) University reserves the right to change the schedule as per organizational requirements.
(b) Students are advised to remain updated on the L.U. website www.lkouniv.ac.in for any changes in the schedule.

(Prof. Kirti Sinha)
Dean, Faculty of Science
University of Lucknow, Lucknow

Date: 30.11.2019


Controller of Examination
University of Lucknow
Lucknow



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS-DEC-2019

M.Sc. (Ag.) Horticulture Semester III

Time Allowed: 3 Hours

Time:2:00P.M. to 5:00 P.M

Date	Paper
13.12.2019	Production Technologies For Medicinal And Aromatic Crops
16.12.2019	Genetic Engineering and Biotechnology
18.12.2019	Diseases of Fruits and Ornamental Crops

SUBJECT- M.Sc. (Ag.) Extension Semester III

Time Allowed: 3 Hours

Time:2:00P.M. to 5:00 P.M

Date	Paper
13.12.2019	Human Resource Development(HRD)
16.12.2019	Diffusion and Adoption of Innovations
18.12.2019	International Trade

SUBJECT- M.Sc. (Ag.) AGRONOMY Semester III

Time Allowed: 3 Hours

Time:2:00P.M. to 5:00 P.M

Date	Paper
13.12.2019	PRINCIPLES AND PRACTICES OF WEED MANAGEMENT
16.12.2019	DRYLAND FARMING
18.12.2019	SEED PRODUCTION TECHNIQUES IN FIELD CROPS

M.Sc. (Ag.) SOIL SCIENCE AND AGRICULTURE CHEMISTRY Semester III

Time Allowed: 3 Hours


Time:2:00P.M. to 5:00 P.M

Date	Paper
13.12.2019	AGRICULTURAL BIOCHEMISTRY
16.12.2019	SOIL SURVEY AND LAND USE PLANNING
18.12.2019	AGRICULTURAL PESTICIDES

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(Prof. Kirti Sinha)
Dean, Faculty of Science
University of Lucknow, Lucknow

Date: 30.11.2019


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University of Lucknow
Lucknow

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- December-2019

(Regular/Exempted/B.P./Improvement)

M.Sc. (Nutrition) SEM-I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 P.M.

DATE	PAPER	TITLE
03.12.2019	Elective	Health and Fitness
11.12.2019	I	Human Physiology
13.12.2019	II	Food Microbiology
16.12.2019	III	Statistics
18.12.2019	IV	Institutional Food Admin

M.Sc. (Nutrition) SEM-III


TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 P.M.

DATE	PAPER	TITLE
02.12.2019	Elective	Food Toxicology
10.12.2019	I	Advanced Nutrition
12.12.2019	II	Diet Therapy
14.12.2019	III	Community Nutrition
17.12.2019	IV	Maternal and Child Nutrition

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sd/-
(Prof. A M Saxena)
Superintendent of Exam.
University of Lucknow, Lucknow


Controller of Examinations
University of Lucknow,
Lucknow

Dated 27.11.2019



UNIVERSITY OF LUCKNOW

FACULTY OF SCIENCE

PROGRAMME OF EXAMINATIONS December – 2019

VENUE: Centre of Excellence in Renewable Energy Education and Research, University of Lucknow, New Campus.

M Sc Renewable Energy Semester-I (Regular/Backpaper/Improvement)

TIME ALLOWED: 03 HOURS

TIMINGS: 09:00AM to 12:00 NOON

DATE	PAPER	PAPER TITLE
03/12/2019	I	Combustion, Heat and Mass Transfer
05/12/2019	II	Electrical Power Technology
10/12/2019	III	Solar Thermal Energy Conversion
13/12/2019	IV	Solar Photovoltaic Energy Conversion
16/12/2019	V	Energy Sources, Scenario and Environment (Elective)

M Sc Renewable Energy Semester-III (Regular/Backpaper/Improvement)

TIME ALLOWED: 03 HOURS

TIMINGS: 02:00 PM to 05:00 PM

DATE	PAPER	PAPER TITLE
02/12/2019	I	Small Hydropower Conversion and other Renewable Energy Systems
04/12/2019	II	Energy in Buildings
07/12/2019	III	Distribution Generation and Integration of Renewable Energy with Grid
11/12/2019	IV	Energy Storage Systems
17/12/2019	V	Solar Photovoltaic Power Plants (Elective)

- Note: a) University reserves the right to change the schedule as per organizational requirements.
b) Students are advised to remain updated on the L.U. website www.lkouniv.ac.in for any changes as the schedule.

Sd-

(Dr Jyotsna Singh)

Coordinator, Renewable Energy
University of Lucknow, Lucknow

Controller of Examination
University of Lucknow
Lucknow



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS
(Semester Examination December 2019)

M.Sc. Food Processing and Food Technology Semester-I

Time:02:00 P.M. to 05:00 P.M

Date	Paper Code	Paper
11.12.2019	FPT-101	Biochemistry and Metabolism
13.12.2019	FPT-102	Food Microbiology & Biotechnology
17.12.2019	FPT-103	Food Engineering
19.12.2019	FPT-104	Food Evaluation
20.12.2019	FPT-105	Post Harvest Management of Perishables

M.Sc. Food Processing and Food Technology Semester: III

Time:02:00 P.M. to 005:00 P.M.


Date	Paper Code	Paper
10.12.2019	FPT-301	Technology of Meat, Poultry and Fish Processing
12.12.2019	FPT-302	Food Additives and Ingredients
14.12.2019	FPT-303	Food Quality and Food Safety Regulations
16.12.2019	FPT-304	Enzymes and Food Processing
18.12.2019	FPT-305	Food Toxicants and Allergens

Note: (a) University reserves the right to change the schedule as per organizational requirements.

(b) Students are advised to remain updated on the L.U. website www.lkouniv.ac.in for any changes in the schedule.

sd/-
(Dr. Deepak Chandra)
Co-ordinator
Food Processing & Food Tech.
University of Lucknow, Lucknow

Dated 22.12.2019


Controller of Examination
University of Lucknow
Lucknow



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE

Revised PROGRAMME OF EXAMINATIONS- December-2019

M.Sc. (Zoology) SEM-I
(Regular/Exempted/B.P./Improvement)

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 PM

DATE	PAPER (NEW COURSE)	PAPER TITLE
03.12.2019	Elective Paper	Insects in Human Life
11.12.2019	I	Non Chordate
13.12.2019	II	Animal Physiology
17.12.2019	III	Cell and Molecular Biology

M.Sc. (Zoology) SEM-III
(Regular/Exempted/B.P./Improvement)

TIME ALLOWED: 3 HOURS


TIMINGS: 09.00 A.M. TO 12.00 PM

DATE	PAPER (NEW COURSE)	PAPER TITLE
02.12.2019	Elective Paper (03 Credits)	Biological Clocks and Human Health
10.12.2019	I	Quantitative Biology, Biosystematics & Evolutionary Biology
12.12.2019	II	Biochemistry, Inheritance biology and Biotechnology
16.12.2019	III	Developmental Biology & Immunology

Note: (a) University reserves the right to change the schedule as per organizational requirements.
(b) Students are advised to remain updated on the L.U. website www.lkouniv.ac.in for any changes in the schedule.

-sd-
(Prof. Sudhir Kumar)
Head, Department of Zoology
University of Lucknow,

Dated: 21.11.2019


Controller of Examination
University of Lucknow,
Lucknow

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- DECEMBER-2019

(Regular/Exempted & Back Paper/Imp.)
M.A. & M.Sc. (Statistics) Semester-I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
03.12.2019	Elective	(Data Analysis Using SPSS)
11.12.2019	I	Real Analysis
13.12.2019	II	Linear Algebra
16.12.2019	III	Measure Theory and Probability
18.12.2019	IV	Sample Surveys

M.A. & M.Sc. (Statistics) Semester- III

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
02.12.2019	Elective	(Basic Statistics in Bio-sciences)
10.12.2019	I	Sequential Analysis and Reliability Theory
12.12.2019	II	Inference
14.12.2019	III	Block Designs and Their Analysis
17.12.2019	IV	Econometrics

M.A. & M.Sc. (Biostatistics) Semester- I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
03.12.2019	Elective	(Data Analysis Using SPSS)
11.12.2019	I	Descriptive Statistics
13.12.2019	II	Elements of Demography
16.12.2019	III	Probability Theory and Distributions
18.12.2019	IV	Health Data management & Computer Programming

M.A. & M.Sc. Bio-Statistics- Semester- III


TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
02.12.2019	Elective	Gender Statistics
10.12.2019	I	Generalized Linear Models
12.12.2019	II	Design of Experiments
14.12.2019	III	Survival Analysis
17.12.2019	IV	Epidemiology

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-sd-
 (Prof. Rajeev Pandey)
 Head, Department of Statistics
 University of Lucknow,


 Controller of Examination
 University of Lucknow,
 Lucknow

Dated: 19.11.2019

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- DECEMBER-2019

Total Quality Management
Semester- I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
03.12.2019	Elective	Application of Quality Concepts
11.12.2019	I	Quality Management
13.12.2019	II	Quality Management System
16.12.2019	III	Statistical Concept & Techniques for Quality MGT & Improvement (Descriptive Statistics)
18.12.2019	IV	Statistical Concept & Techniques for Quality Management & Improvement (Inferential Statistics)

Total Quality Management
Semester- III

TIME ALLOWED: 3 HOURS


TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
02.12.2019	Elective	Business Communication
10.12.2019	I	Total Quality Management
12.12.2019	II	Advance Quality Management System Application in Various Manufacturing and Service Sectors
14.12.2019	III	Statistical Applications-DOE (Design of Experiments)
17.12.2019	IV	Software Quality

Note: (a) University reserves the right to change the schedule as per organizational requirements.

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-sd-
(Prof. Rajeev Pandey)
Head, Department of Statistics
University of Lucknow,


Controller of Examination
University of Lucknow,
Lucknow

Dated: 19.11.2019

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- December-2019

(Regular/Exempted/B.P./Improvement)
M.Sc. (GEOLOGY) SEMESTER-I

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
03.12.2019	EG-10	CBCS Elective Paper Fundamental of Geology-I
11.12.2019	CG-11	Mineralogy and Geochemistry
13.12.2019	CG-12	Structural Geology & Tectonics
17.12.2019	CG-13	Igneous Petrology
19.12.2019	CG-14	Engineering Geology and Ground water

M.Sc. (GEOLOGY) SEMESTER -III

TIME ALLOWED: 3 HOURS


TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
02.12.2019	CG-30	CBCS Elective, Applied Geology-I
10.12.2019	CG-31	Geophysics and Petroleum Geology
12.12.2019	CG-32	Environmental Geology and Natural Hazards
16.12.2019	CG-33	Palaeontology
18.12.2019	CG-34	Stratigraphy

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- Sd/-

(Prof. Rameshwar Bali)
Head, Deptt. of Geology
University of Lucknow, Lucknow
Date: 16-11-2019


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University of Lucknow
Lucknow

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- December-2019

(Regular/Exempted/B.P./Improvement)
M.Sc. (Applied GEOLOGY) SEMESTER-I

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
11.12.2019	I-AG-11	Basic of Earth Sciences
13.12.2019	II- AG-12	Sedimentology
17.12.2019	IV-AG-14	Mineralogy, Crystallography & Igneous Petrology
19.12.2019	III-AG-13	Stratigraphy

M.Sc. (Applied GEOLOGY) SEMESTER -III

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
10.12.2019	I-AG-31	Geophysics and Geochemistry
12.12.2019	II- AG-32	Sedimentary Basins
14.12.2019	III-AG-33	Exploration, Drilling and Production
16.12.2019	IV-AG-34	Energy Resources

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- Sd/-


(Prof. Dhruvsen Singh)

Director

Institute of Hydrocarbon Energy
& Georesources,

University of Lucknow, Lucknow

Date: 16-11-2019


Controller of Examination
University of Lucknow
Lucknow

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- December-2019

M.A./M.Sc. (Mathematics) SEM-I
(Regular/Exempted/B.P./Improvement)

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
03.12.2019	E-1	Discrete Mathematics (Elective Paper)
05.12.2019	I	Topology-I
07.12.2019	II	Advanced Algebra
10.12.2019	III	Differential Geometry of Manifolds
12.12.2019	IV	Integral Equations & Partial Differential Equations
14.12.2019	V	Real Analysis

M.A./M.Sc. (Mathematics) SEM-III

TIME ALLOWED: 3 HOURS


TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
02.12.2019	E-3	Approximation Theory (Elective Paper)
04.12.2019	I	Functional Analysis
06.12.2019	II	Structure on Even Dimensional Differentiable Manifolds
11.12.2019	III	Fluid Mechanics I
13.12.2019	V	Special Functions
16.12.2019	VIII	Mathematical Biology
18.12.2019	X	Ordinary Differential Equations
20.12.2019	XIII	Astronomy & Astrophysics
21.12.2019	XV	Number Theory in Cryptography

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-sd-
(Prof. Bhasker Srivastava)
Head, Deptt. of Mathematics
University of Lucknow

Dated: 16.11.2019


Controller of Examinations
University of Lucknow
Lucknow



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE

PROGRAMME OF EXAMINATIONS- DECEMBER-2019

M.Sc. (Botany) Semester-I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
03.12.2019	Elective	Elective
06.12.2019	I	Microbiology : Plant Virology & Bacteriology
10.12.2019	II	Fungi & Plant Pathology
13.12.2019	III	Algae, Lichens, Microscopy & Culture Techniques
16.12.2019	IV	Bryophytes

M.Sc. (Botany) SEM-III

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon


DATE	PAPER	PAPER TITLE
02.12.2019	Elective	Elective
04.12.2019	I	Cytogenetics and Molecular Genetics
07.12.2019	II	Plant Breeding and Biostatistics
11.12.2019	III	Environment, Ecology and Plant Soil Relationship
14.12.2019	IV	Analytical Techniques and Computer Applications

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-sd-

(Prof. Geeta Asthana)
Head, Department of Botany
University of Lucknow,


Controller of Examinations
University of Lucknow,
Lucknow

Dated: 19.11.2019



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- DECEMBER-2019

M.Sc. (Plant Science) SEM-I
(Back Paper/Improvement)

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
06.12.2019	I	Microbiology (Bacteriology, Virology) and Microbial Biotechnology
10.12.2019	II	Mycology & Plant Pathology
13.12.2019	III	Algology & Lichenology, Microscopy & Culture Techniques
16.12.2019	IV	Bryology

M.Sc. (Plant Science) SEM-III

TIME ALLOWED: 3 HOURS


TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
04.12.2019	I	Cytology, Genetics and Cytomolecular Genetics
07.12.2019	II	Crop Improvement and Biostatistics
11.12.2019	III	Environment, Ecology and Plant Soil Relationship
14.12.2019	IV	Experimental Techniques and Computer Application

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-sd-
(Prof. Geeta Asthana)
Head, Department of Botany
University of Lucknow,


Controller of Examinations
University of Lucknow,
Lucknow

Dated: 19.11.2019



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- DECEMBER-2019

M.Sc. (Environmental Science) SEM-I

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
03.12.2019	Elective	Elective
06.12.2019	I	The Earth and its Environment
10.12.2019	II	Biotic Community, Dynamics
13.12.2019	III	Biotic Responses I
16.12.2019	IV	Biotic Responses II

M.Sc. (Environmental Science) SEM-III


TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
02.12.2019	Elective	Elective
04.12.2019	I	Water and soil pollution
07.12.2019	II	Radiation, Noise, Industrial and Thermal Pollution
11.12.2019	III	Environmental toxicology
14.12.2019	IV	Environmental Policy and Management

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-sd-
(Prof. Geeta Asthana)
Head, Department of Botany
University of Lucknow,


Controller of Examinations
University of Lucknow,
Lucknow

Dated: 19.11.2019

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS December-2019

M.Sc. (Biochemistry) Semester- I
(Regular/Exempted/B.P./Improvement)

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 PM

DATE	PAPER	PAPER TITLE
03.12.2019	BC-111	Elective: Introductory Biochemistry
11.12.2019	BC-101	Biophysical Chemistry and Techniques
13.12.2019	BC-102	Biological Macromolecules : Structure and Functions
17.12.2019	BC-103	Enzymes and Intermediary Metabolism I
19.12.2019	BC-104	Clinical Biochemistry and Physiology

M.Sc. (Biochemistry) Semester- III

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 PM

DATE	PAPER	PAPER TITLE
02.12.2019	BC-311	Elective: Molecular Biology and Gene Expression
10.12.2019	BC-301	Biotechnology -I
12.12.2019	BC-302	Immunology-I
14.12.2019	BC-303	Enzymes and Intermediary Metabolism II
18.12.2019	BC-304	Regulation of Gene Expression

M.Sc. (Biotechnology) Semester-I
(Regular/Exempted/B.P./Improvement)

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 PM

DATE	PAPER	PAPER TITLE
03.12.2019	BT-111	Elective: Introductory Biotechnology
11.12.2019	BT-101	Biomolecules and Biopolymers
13.12.2019	BT-102	Biophysical Chemistry & Techniques
17.12.2019	BT-103	Biostatistics & Computer Applications
19.12.2019	BT-104	Enzymology

M.Sc. (Biotechnology) Semester- III

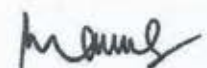
TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 PM

DATE	PAPER	PAPER TITLE
02.12.2019	BT-311	Elective: Cell Biology and Genetic Engineering
10.12.2019	BT-301	Molecular Biology II
12.12.2019	BT-302	Principles of Genetics Engineering
14.12.2019	BT-303	Microbial Technology & Bioprocess Engineering
18.12.2019	BT-304	Immunology-II

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-sd-
 (Prof. Sudhir Mehrotra)
 Head, Department of Biochemistry
 University of Lucknow,


 Controller of Examinations
 University of Lucknow,
 Lucknow

Dated: 18.11.2019

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS December-2019

M.Sc. (Physics) Semester- I
 (Regular/Exempted/B.P./Improvement)

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
03.12.2019	MOD. PHYE-101	Introduction to Electronic Communication
11.12.2019	MOD. PHYC-101	Mathematical Physics-I
13.12.2019	MOD. PHYC-102	Classical Mechanics
17.12.2019	MOD. PHYC-103	Electromagnetic Theory
19.12.2019	MOD. PHYC-104	Introductory Quantum Mechanics

M.Sc. (Physics) Semester –III

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
02.12.2019	MOD: PHYE-301	Materials Synthesis and Characterization Techniques
10.12.2019	MOD: PHYC-301	Quantum Mechanics-I
12.12.2019	MOD: PHYC-302	Nuclear Physics-I
14.12.2019	MOD: PHYC-303	Solid State Physics -I
18.12.2019	MOD: PHYC-304 A	Electronics – I
	MOD: PHYC-304 B	Opto-Electronics-I
	MOD: PHYC-304 C	X Ray Crystallography

M.Sc. (Electronics) Semester-III

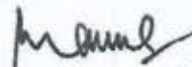
TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
02.12.2019	MOD ELE-E-301	Transducers & Biomedical Instrumentation
10.12.2019	MOD ELE-C-301	Programming in C & Introduction to Matlab
12.12.2019	MOD ELE-C-302	Microprocessor & Interfacing
14.12.2019	MOD ELE-C-303	Quantum Mechanics & Nano-Electronics
18.12.2019	MOD ELE-C-304	Microwave & Antenna Systems

Note: (a) University reserves the right to change the schedule as per organizational requirements.
 (b) Students are advised to remain updated on the L.U. website www.lkouniv.ac.in for any changes in the schedule.

-sd-
 (Prof. Poonam Tandon)
 Head, Department of Physics
 University of Lucknow,
 Dated: 18.11.2019


 Controller of Examination
 University of Lucknow,
 Lucknow

UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS December-2019

M.Sc. (Nuclear Medicine) Semester-I

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.


DATE	PAPER	PAPER TITLE
03.12.2019	V	Elective Paper: Biostatistics
11.12.2019	I	Anatomy & Physiology (Part-I)
13.12.2019	II	Mathematics, Computer and Biostatics
17.12.2019	III	Basic Radiation Physics and Chemistry
19.12.2019	IV	Radiation Biology and Radiation Protection

M.Sc. (Nuclear Medicine) Semester-III

TIME ALLOWED: 3 HOURS		TIMINGS: 02.00 P.M. TO 05.00 P.M.
DATE		PAPER TITLE
02.12.2019	V	Elective Paper: Radiological Anatomy
10.12.2019	I	Radiopharmacy-II
12.12.2019	II	Instrumentation Part-II
14.12.2019	III	Principle and practice of Radiological Protection
18.12.2019	IV	Clinical Nuclear Medicine Techniques

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-sd-
 (Prof. Poonam Tandon)
 Head, Department of Physics
 University of Lucknow,
 Dated: 18.11.2019


 Controller of Examination
 University of Lucknow,
 Lucknow



UNIVERSITY OF LUCKNOW
FACULTY OF SCIENCE
PROGRAMME OF EXAMINATIONS- DECEMBER-2019

M.Sc. (Microbiology) SEM-I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
06.12.2019	I	Techniques and tools in Microbiology
10.12.2019	II	Microbial Diversity
13.12.2019	III	Cell Structure
16.12.2019	IV	Microbial Genetics

M.Sc. (Microbiology) SEM-III


TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
02.12.2019	Elective	Elective
04.12.2019	I	Environmental Microbiology
07.12.2019	II	Industrial & Food Microbiology
11.12.2019	III	Biostatistics and Computer Applications
14.12.2019	IV	Microbial Biotechnology

- NOTE:**
1. No Assurance is given for the order of question papers.
 2. Examinees are advised to see the University website. www.lkouniv.ac.in

-sd-
(Prof. Geeta Asthana)
Head, Department of Botany
University of Lucknow,


Controller of Examinations
University of Lucknow,
Lucknow

Dated: 19.11.2019



UNIVERSITY OF LUCKNOW

Revised PROGRAMME OF SEMESTER EXAMINATION

November-Dec.-2019
FACULTY OF SCIENCE

M.Sc. Semester-I & III


TIME ALLOWED: THREE HOURS

Morning & Evening Shift:

Paper	Semester I	Semester III
Elective	03.12.2019	02.12.2019
I	11.12.2019	10.12.2019
II	13.12.2019	12.12.2019
III	15.12.2019	14.12.2019
IV	17.12.2019	16.12.2019
V	19.12.2019	18.12.2019

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-sd-
(Prof. K. Sinha)
Dean, Faculty of Science
University of Lucknow


Controller of Examination
University of Lucknow
Lucknow

Dated: 02.11.2019



UNIVERSITY OF LUCKNOW

PROGRAMME OF SEMESTER EXAMINATION

November-December-2019

FACULTY OF SCIENCE

M.Sc. (Chemistry) Semester- I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 P.M.

DATE	PAPER	PAPER TITLE
21.11.2019	I	CH-101 : Inorganic Chemistry
25.11.2019	II	CH-102 : Organic Chemistry
29.11.2019	III	CH-103 : Physical Chemistry
4-6.11.2019	Practical	Inorganic, Organic & Physical Chemistry (Time 10.00AM to 5.00 PM)

M.Sc. (Chemistry) SEM- III

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 P.M.

DATE	PAPER	PAPER TITLE
19.11.2019	I	CH-301 : Inorganic Chemistry
23.11.2019	II	CH-302 : Organic Chemistry
27.11.2019	III	CH-303 : Physical Chemistry
7-9.11.2019	Practical	Physical Chemistry (Time 10.00AM to 5.00 PM)
11-12.12.2019	Practical	Inorganic Chemistry & Organic Chemistry (Time 10.00AM to 5.00 PM)

M.Sc. (Pharmaceutical Chemistry) SEM- I

TIME ALLOWED: 3 HOURS

TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
21.11.2019	I	Physical Chemistry
25.11.2019	II	Organometallic and Nuclear Chemistry
29.11.2019	III	Organic Chemistry
16-17.12.2019	Practical	Organic Chemistry & Pharmaceutical Chemistry (Time 10.00AM to 5.00 PM)

M.Sc. (Pharmaceutical Chemistry) SEM- III

TIME ALLOWED: 3 HOURS

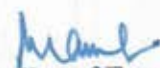
TIMINGS: 02.00 P.M. TO 05.00 P.M.

DATE	PAPER	PAPER TITLE
19.11.2019	I	Spectroscopic methods in Pharmaceutical Chemistry
23.11.2019	II	Medicinal Chemistry-I
27.11.2019	III	Medicinal Chemistry-II
13-14.12.2019	Practical	Pharmaceutical Chemistry (Time 10.00AM to 5.00 PM)

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-sd-

(Prof. NaveenKhare)
Head, Deptt. of Chemistry
University of Lucknow


Controller of Examinations
University of Lucknow
Lucknow

Dated: 31.10.2019