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

# M.Sc. (Nutrition) SEM-III

#### **TIME ALLOWED: 3 HOURS**

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

DATE	PAPER	Paper Title
13.12.2017	I	Advnace Nutrition-I
15.12.2017	II	Diet Therapy
18.12.2017	III	Community Nutrition
20.12.2017	IV	Maternal and Child Nutrition
22.12.2017	V	Food Toxicology

# M.Sc. (Nutrition) SEM-I

#### TIME ALLOWED: 3 HOURS

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

DATE	PAPER	Paper Title
12.12.2017	I	Human Physiology
14.12.2017	II	Food Microbiology
16.12.2017	III	Statistics
19.12.2017	IV	Institutional Food Administration
23 12 2017	V	Elective : Health and Fitness

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

Sd/-

(Prof. A M Saxena) Superintendent Department of Zoology University of Lucknow,

No LU/CoE .....

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Controller of Examination University of Lucknow, Lucknow Dated .....

Stestonog Controller of Examination University of Lucknow,



#### M.Sc. (Ag.) Agriculture Extension, Semester: I

	Time:2:00 P.M. to 5:00 P.M
Date	Paper
23.12.2017	Development Perspectives of Extension Education
26.12.2017	Development Communication and Information Management
28.12.2017	Fundamentals of Rural Sociology
30.12.2017	Agriculture Marketing and Price Analysis

M.Sc. (Ag.) Soil Science and Agriculture Chemistry Semester: I Time:2:00 P.M. to 5:00 P.M

Date	Paper
23.12.2017	Soil Chemistry
26.12.2017	Soil Fertility and Plant Nutrition
28.12.2017	Management of Problem Soils and Water
30.12.2017	Principles and Practices of Soil Fertility and Nutriment Management

#### M.Sc. (Ag.) Horticulture Semester: I

	Time:2:00 P.M. to 5:00 P.M.
Date	Paper
23.12.2017	Tropical and dry land Fruit Production
26.12.2017	Production Technology of Warm Season Vegetable Crops
28.12.2017	Land Scaping and Ornamental Gardening
30.12.2017	Insect Pests of Fruits, Vegetables, Spices and Medicinal

### M.Sc. (Ag.) Agronomy Semester: I

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

Date	Paper	
23.12.2017	Modern Concepts in Crop Production	
26.12.2017	Agronomy of Major Field Crop (Kharif)	
28.12.2017	Tillage in Crop Production	
30.12.2017	Soil Fertility Management and Fertilizer Use	

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
- 3. Venue: Department of Zoology, Lucknow University, Lucknow.

Sd/-

(Prof. A M Saxena)

Superintendent of Exam.

M.Sc. Agriculture

University of Lucknow, Lucknow

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### M.Sc. (Ag.) Horticulture Semester: III

Time:2:00 P.M. to 5:00 P.M		Time:2:00	P.M.	to	5:00	P.M	
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Date	Paper
21.12.2017	Production Technologies For Medicinal And Aromatic Crops
27.12.2017	Genetic Engineering and Biotechnology
29.12.2017	Diseases of Fruits and Ornamental Crops

# M.Sc. (Ag.) Agriculture Extension Semester: III

	Time:2:00 P.WI. to 5:00 F.WI
Date	Paper
21.12.2017	Human Resource Development(HRD)
27.12.2017	Diffusion and Adoption of Innovations
29,12,2017	International Trade

# M.Sc. (Ag.) Soil Science and Agriculture Chemistry Semester: III

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

Date	Paper
21.12.2017	Agricultural Biochemistry
27.12.2017	Soil Survey and land Use Planning
29.12.2017	Agricultural Pesticides

### M.Sc. (Ag.) Agronomy Semester: III

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

Date	Paper
21.12.2017	Principles and Practices of Weed Management
27.12.2017	Dry Land Farming
29.12.2017	Seed Production Techniques in Field Crops

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

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sd/-(Prof. A M Saxena) Superintendent of Exam. M.Sc. Agriculture

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

### **B.C.A. Semester-I**

#### TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

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TIMINGS: 09 00 A M TO 12 00 Noon

DATE	PAPER	PAPER TITLE	
11.12.2017	BCA-S 101 T	<b>Computer Fundamental &amp; Office Automation</b>	
14.12.2017	BCA-S 102 T	Programming Principle & Algorithm	
18.12.2017	BCA-S 103 T	Principle of Management	
21.12.2017	BCA-S 104 T	Business Communication	
26.12.2017	BCA-S 105 T	Mathematics –I	

### B.C.A. Semester -III

TIME ALLOWED: 3 HOURS		TIMINGS: 09.00 A.M. TO 12.00 Noon	
DATE	PAPER	PAPER TITLE	
12.12.2017	BCA-S 201T	Object Oriented Programming Using C++	
15.12.2017	BCA-S 202T	Data Structure Using C &C++	
19.12.2017	BCA-S 203	Computer Architecture & Assembly Language	
22.12.2017	BCA-S 204	Business Economics	
27.12.2017	BCA-S 205	Elements of statistics	

# B.C.A. Semester -- V

TIME ALLOWED: 3 HOURS		TIMINGS. 09.00 A.M. TO 12.00 1001	
DATE	PAPER	PAPER TITLE	
13.12.2017	BCA-S301T	Introduction To Dbms	
16.12.2017	BCA-S302T	Java programming And Dynamic Webpage Design	
20.12.2017	BCA-S303	Data Communication & Computer Network	
23.12.2017	BCA-S304	Numerical Methods	

NOTE: NO GUARANTEE CAN BE GIVEN TO THE CANDIDATE REGARDING THE ORDER OF QUESTION PAPER

Sd/-Head Deptt. Computer Science University of Lucknow, Lucknow mashama

Controller of Examination University of Lucknow Lucknow (

Date: 22-12-2016

### (Regular/Exempted/Back Paper) M.C.A. SEM-I

#### TIME ALLOWED: 3 HOURS

### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE PAPER   27.11.2017 MCA1-E-1(Elective) System Analys		PAPER TITLE
		System Analysis and Design
11.12.2017	MCA-101	IT & Computer Fundamentals
3.12.2017 MCA-102 Digital Logic & Computer Organization		Digital Logic & Computer Organization
15.12.2017 MCA-103		Programming- Using 'C' Language
18.12.2017	MCA-104	Computer Programming & Problem Solving Principles

### M.C.A. SEM-III

#### TIME ALLOWED: 3 HOURS

#### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE	
12.12.2017	MCA-301	Relational Database Management System (Oracle-xi)	
14.12.2017	MCA-302	Theory of Computation	
16.12.2017	MCA-303	Objects Oriented Programming Concepts Using C	
19.12.2017	MCA-304	Computer Network	
21.12.2017	MCA3-E-1(Elective)	Operating System	

### M.C.A. SEM-V

#### **TIME ALLOWED: 3 HOURS**

#### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE	
11.12.2017	MCA-501	Computer Graphics	
13.12.2017	MCA-502	Multimedia & Virtual Reality	
15.12.2017	MCA-503	Compiler Design	
18.12.2017	MCA-504	Network Security	
20.12.2017	MCA-505	Neural Networks	

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/-

Head, Department of Computer Science University of Lucknow, Controller of Examination University of Lucknow,

Lucknow

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Controller of Examination University of Lucknow,

# Venue: Department of Geology M.Sc. (Applied Geology) SEM-I

#### TIME ALLOWED: 3 HOURS

TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
04.12.2017	AG-11	Basics of Earth Science
07.12.2017	AG-12	Sedimentology
13.12.2017	AG-13	Stratigraphy
16.12.2017	AG-14	Mineralogy, Crystallography & Economic Geology
19.11.2017	AG-15	Practical
21.12.2017	AG-16	Project Work Evaluation

# P.G. Diploma in Exploration, Resources and Mining Technology- Semester I

### TIME ALLOWED: 3 HOURS

TIMINGS: 01.00 P.M. TO 04.00 P.M.

INIC ALLOWED			
DATE	PAPER	PAPER TITLE	
04.12.2017	PGD-11	Mining Operations	
07.12.2017	PGD-12	Exploration Technology	
13.12.2017	PGD-13	Exploratory Data Assessment	
16.12.2017	PGD-14	Introduction to Mineral Resource Estimation	
20.11.2017	PGD-15	Practical	

NOTE: NO GUARANTEE CAN BE GIVEN TO THE CANDIDATE REGARDING THE ORDER OF QUESTION PAPER.

-sd/-(Prof. Dhruv Sen Singh) Incharge PGDERMT, ONGC Centre University of Lucknow, Lucknow Date: 20-11-2017

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### UNIVERSITY OF LUCKNOW FACULTY OF SCIENCE

Revised PROGRAMME OF EXAMINATIONS December-2017

M.Sc. PHYSICS Semester I (Batch-13) DEC-2017

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	0.00		h.	12 00	Nicon
TIME	9 00	am	TO	12.00	) Noon
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MOD.PHYE-101	INSTRUMENTS & DEVICES - I
	(ELECTIVE)

November 27, 2017

TIME: 1.00 pm to MOD.PHYC-101	December 05, 2017 December 11, 2017	
MOD.PHYC-102	CLASSICAL MECHANICS	December 13, 2017
MOD.PHYC-103	ELECTROMAGNETIC THEORY	
MOD.PHYC-104	INTRODUCTORY QUANTUM MECHANICS	December 10/

# M.Sc. PHYSICS Semester III (Batch-12) DEC-2017

TIME: 9.00 am to 12.00 Noon

MOD: PHYE - 301	MATERIALS SYNTHESIS AND CHARACTERIZATION TECHNIQUES. (ELECTIVE	November 28, 2017
TIME: 1.00 pm to MOD: PHYC-301 MOD: PHYC-302 MOD: PHYC-303 MOD: PHYC-304 A MOD: PHYC-304 B MOD: PHYC-304 C	<u>4.00 pm</u> QUANTUM MECHANICS - I NUCLEAR PHYSICS - I SOLID STATE PHYSICS - I ELECTRONICS – I (Optional) OPTO- ELECTRONICS – I (Optional) X RAY CRYSTALLOGRAPHY (Optional)	December 04, 2017 December 07, 2017 December 12, 2017 December 16, 2017 December 16, 2017 December 16, 2017

# M.Sc. (Physics) Semester III DEC-2017

TIME:	1.00	pm	to	4.00	pm
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MODILE	PAPER
MODULE	1 / 11 100 / 1

WODOLL		December 04 2017
MOD: 11	QUANTUM MECHANICS - I	December 04, 2017 December 07, 2017
MOD: 12	NUCLEAR PHYSICS - I	December 12, 2017
MOD: 13	SOLID STATE PHYSICS - I	December 15, 2017
MOD: 16	OPTO-ELECTRONICS - I	December 16, 2017
MOD: 17	OPTO- ELECTRONICS - II	December =0/ ===
1. No Assurance	is given for the order of question papers.	roupiy ac in

2. Examinees are advised to see the University website. www.lkouniv.ac.in

-sd-

(Prof. Pallavi Jha) Head, Department of Physics University of Lucknow,

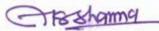
Controller of Examination University of Lucknow, Lucknow Dated: 20.11.2017

DATE

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# UNIVERSITY OF LUCKNOW

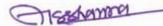
FACULTY OF SCIENCE

# Revised PROGRAMME OF EXAMINATIONS December-2017 M.Sc. Electronics Sem I Regular (Batch-22) DEC-2017

11.00		
MODULE	PAPER	DATE
TIME: 9.00 am to	12.00 Noon	
MOD ELE-E-101	November 27, 2017	
TIME: 1.00 pm to	4.00 pm	
MOD ELE-C-101 MOD ELE-C-102 MOD ELE-C-103 MOD ELE-C-104	MATERIAL SCIENCE ELECTROMAGNETIC THEORY ELECTRONIC DEVICES & CIRCUIT NETWORK ANALYSIS & SYNTHESIS	December 05 , 2017 December 11, 2017 December 13, 2017 December 15, 2017
N.C. Floetro	nics Sem I BP/Exempted Can	didates DEC-2016
M.SC. Electro TIME: 9,00 am to MOD ELE-E-101	INTRODUCTORY ELECTRONICS (ELECTIVE)	November 27, 2017
TIME: 1.00 pm to MOD ELE-C-101 MOD ELE-C-102 MOD ELE-C-103	CLASSICAL AND QUANTUM MECHANICS PHYSICS OF ELECTRONIC MATERIAL MATHEMATICAL & COMPUTATION METHODS	December 05 , 2017 December 11, 2017 December 13, 2017
	IN ELECTRONICS ELECTROMAGNETICS, ANTENNA AND PROPAG DICS Semester III (Batch-21 0 12.00 Noon	GATION December 15, 2017 ) DEC-2017
MOD ELE-E-301	TRANSDUCERS & BIOMEDICAL INSTRUMENT. (ELECTIVE)	ATION November 28, 2017
TIME: 1.00 pm t	o 4.00 pm	December 04, 2017
MOD ELE-C-301 MOD ELE-C-302 MOD ELE-C-303 MOD ELE-C-304	FIBER AND INTEGRATED OPTICS COMMUNICATION ELECTRONICS IC TECHNOLOGY AND VLSI DESIGNING MICRO PROCESSOR INTERFACING	December 07, 2017 December 12, 2017 December 16, 2017
NOTE: 1. No Assur	ance is given for the order of question papers as are advised to see the University website. www	/.lkouniv.ac.in
2. Examinee	s are advised to bee	Dishama
-sd (Prof. Pal) Head, Departm	lavi Jha) ent of Physics	Controller of Examination University of Lucknow, Lucknow Dated: 20.11.2017
University o No. LU/CoE/	f Lucknow,	
A 1961 MILL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	e information and necessary action.	

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### UNIVERSITY OF LUCKNOW FACULTY OF SCIENCE

### Revised PROGRAMME OF EXAMINATIONS- December-2017

# (Regular/Exempted/B.P./Improvement) <u>M.Sc. TQM SEM-I</u>

#### TIME ALLOWED: 3 HOURS

#### TIMINGS: 09.00 .AM. TO 12.00 A.M.

DATE	PAPER	PAPER TITLE
16.12.2017	Ι	Quality Management
18.12.2017	II	Quality Management System
20.12.2017	III	Statistical Concept & Techniques for Quality Management & Improvement (Descriptive Statistics)
22.12.2017	IV	Statistical Concept & Techniques for Quality Management & Improvement (Inferential Statistics)
24.12.2017	V	Quality Concepts and its Application

# M.Sc. TQM SEM-III

### TIME ALLOWED: 3 HOURS

#### TIMINGS: 09.00 .AM. TO 12.00 A.M.

DATE	PAPER	PAPER TITLE
05.12.2017	Ι	Total Quality Management
07.12.2017	II	Advance Quality Management System-Applications in Various Manufacturing and Service Sectors
11.12.2017	III	Statistical Applications-Design of Experiment
13.12.2017	V	Software Quality
15.12.2017	VIII	Business Communication

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

(Prof. S. K. Pandey) Head, Department of Mathematics University of Lucknow,

Toshama,

Controller of Examination University of Lucknow, Lucknow

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# M.Sc. (Botany) SEM-I

#### **TIME ALLOWED: 3 HOURS**

#### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
11.12.2017	Ι	Microbiology : Plant Virology & Bacteriology
14.12.2017	II	Fungi & Plant Pathology
18.12.2017	III	Algae, Lichens, Microscopy & Culture Techniques
21.12.2017	IV	Bryophytes

# M.Sc. (Botany) SEM-III

#### **TIME ALLOWED: 3 HOURS**

#### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
12.12.2017	I	Cytology, Genetics and Cytogenetics
15.12.2017	II	Plant Breeding and Biostatistics
19.12.2017	III	Environment, Ecology and Plant Soil Relationship
22.12.2017	IV	Experimental Techniques and Computer Application

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. Seshu Lavania) Head, Department of Botany University of Lucknow,

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University of Lucknow,

Lucknow

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# M.Sc. (Plant Science) SEM-I

#### **TIME ALLOWED: 3 HOURS**

### TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
11.12.2017	I	Microbiology (Bacteriology, Virology) and Microbial Biotechnology
14.12.2017	II	Mycology & Plant Pathology (Fungal Diseases
18.12.2017	III	Algology & Lichenology, Microscopy & Culture Techniques.
21.12.2017	IV	Bryology

# M.Sc. (Plant Science) SEM-III

### TIME ALLOWED: 3 HOURS

#### TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
12.12.2017	I	Cytology, Genetics and Cytogenetics
15.12.2017	II	Plant Breeding and Biostatistics
19.12.2017	III	Ecology, Environment, and Soil Science
22.12.2017	IV	Experimental Techniques and Computer Application

NOTE: 1. No Assurance is given for the order of question papers.

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-sd-

(Prof. Seshu Lavania) Head, Department of Botany University of Lucknow, Controller of Examination University of Lucknow, Lucknow Dated:

Tashama

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Controller of Examination University of Lucknow,



### M.Sc. (Environmental Science) SEM-I

### TIME ALLOWED: 3 HOURS

TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
11.12.2017	Ι	Earth & its Environment
14.12.2017	II	Biotic Community, Dynamics
18.12.2017	III	Biotic Responses I
21.12.2017	IV	Biotic Responses II

# **M.Sc. (Environmental Science) SEM-III**

### **TIME ALLOWED: 3 HOURS**

TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
12.12.2017	Ι	Environmental Pollution I- General Concept of Pollution and Air Pollution
15.12.2017	II	Environmental Pollution II- Water and Soil
19.12.2017	III	Environmental Pollution III- Radiation, Noise, Industrial and Thermal Pollution
22.12.2017	IV	Special Problems of Environmental Pollution & their Management

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. Seshu Lavania) Head, Department of Botany University of Lucknow, Crashama

Controller of Examination University of Lucknow, Lucknow

Dated: .....

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### M.Sc. (Microbiology) SEM-I

TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
11.12.2017	I	Techniques and tools in Microbiology
14.12.2017	II	Microbial Diversity
18.12.2017	III	Cell Structure
21.12.2017	IV	Microbial Genetics

# M.Sc. (Microbiology) SEM-III

### **TIME ALLOWED: 3 HOURS**

TIMINGS: 09.00 A.M. TO 12.00 Noon

PAPER	PAPER TITLE
I	Environmental Microbiology
II	Industrial & Food Microbiology
III	Biostatistics and Computer Application
IV	Microbial Biotechnology
	I II III

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. Seshu Lavania) Head, Department of Botany University of Lucknow, Createnna.

Controller of Examination University of Lucknow, Lucknow Dated:

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### UNIVERSITY OF LUCKNOW

FACULTY OF SCIENCE

**Revised PROGRAMME OF EXAMINATIONS- DECEMBER-2017** 

# M.Sc. (Chemistry) SEM- I

#### **TIME ALLOWED: 3 HOURS**

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

DATE	PAPER	PAPER TITLE
11.12.2017	Ι	CH-101 : Inorganic Chemistry
15.12.2017	II	CH-102 : Organic Chemistry
21.12.2017	III	CH-103 : Physical Chemistry
27.11.2017	Elective	CH-105 : Concepts of Chemistry-I (Time 09.00 AM to 12.00 Noon

### M.Sc. (Chemistry) SEM- III

#### **TIME ALLOWED: 3 HOURS**

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

Controller of Examination

University of Lucknow,

Lucknow

Dated: .....

DATE	PAPER	PAPER TITLE
05.12.2017	Ι	CH-301 : Inorganic Chemistry
13.12.2017	II	CH-302 : Organic Chemistry
19.12.2017	III	CH-303 : Physical Chemistry
28.11.2017	Elective	CH-305 : Organic Chemistry- III (Time 09.00 AM to 12.00 Noon

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. Padam Kant) Head, Department of Chemistry University of Lucknow,

No. LU/CoE/.....

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# UNIVERSITY OF LUCKNOW

FACULTY OF SCIENCE

## Revised PROGRAMME OF EXAMINATIONS- DECEMBER-2017

# M.Sc. (Pharmaceutical Chemistry ) SEM- I

#### **TIME ALLOWED: 3 HOURS**

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

DATE	PAPER	PAPER TITLE
12.12.2017	Ι	Physical Chemistry
18.12.2017	II	Organometallic and Nuclear Chemistry
22.12.2017	III	Organic Chemistry
27.11.2017	Elective	Physical-Inorganic Chemistry (Time 09.00 AM to 12.00 Noon)

# M.Sc. (Pharmaceutical Chemistry ) SEM- III

FIME ALLOWED: 3 HOURS		TIMINGS: 02.00 P.M. TO 05.00 P.M.		
DATE	PAPER	PAPER TITLE		
07.12.2017	Ι	Spectroscopic methods in Pharmaceutical Chemistry		
14.12.2017	II	Medicinal Chemistry-I		
20.12.2017	III	Medicinal Chemistry-II		
28.11.2017	Elective	Organic Reactions (Time 09.00 AM to 12.00 Noon)		

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-

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No. LU/CoE/.....

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### UNIVERSITY OF LUCKNOW FACULTY OF SCIENCE PROGRAMME OF EXAMINATIONS (Semester Examination December 2017)

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

		Time:02:00	P.M.	to	05:00	P.M
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Date	Paper Code	Paper	
04.12.2017	FPT-101	Food Chemistry	
07.12.2017	FPT-102	Food Microbiology & Biotechnology	
13.12.2017	FPT-103	Food Engineering	
15.12.2017	FPT-104	Advanced Techniques in Food Analysis	
18.12.2017	FPT-105	Post Harvest Management of Fruits & Vegetables	

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

11me:09:00 F.M. to 012:00 N		
Date	Paper Code	Paper
04.12.2017	FPT-301	Technology of Meat, Poultry and Fish Processing
07.12.2017	FPT-302	Food Additives and Ingredients
13.12.2017	FPT-303	Food Quality and Food Safety Regulations
15.12.2017	FPT-304	Enzymes and Food Processing
18.12.2017	FPT-305	Food Toxicants and Allergens

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/-

(Dr. Deepak Chandra) Co-ordinator

Food Processing & Food Tech. University of Lucknow, Lucknow

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

TIME ALLOWED: 3 HOURS		TIMINGS: 09.00 A.M. TO 12.00 No	
DATE PAPER		PAPER TITLE	
12.12.2017	I	Descriptive Statistics (BST-01)	
14.12.2017	II	Elements of Demography (BST-02)	
16.12.2017	III	Probability Theory and Distributions (BST-03)	
19.12.2017	IV	Health Data management & Computer Programming (BST-04)	
27.11.2017	V	Elective (Data Analysis Using SPSS) (BST-05) (9 A.M. to 12.00 Noon)	

### **Bio-Statistics- Semester- III**

TIME ALLOWED:	3 HOURS	TIMINGS: 09.00 A.M. TO 12.00 N	
DATE	PAPER	PAPER TITLE	
13.12.2017	I	Generalized Linear Models (BST-11)	
15.12.2017	II	Design of Experiments (BST-12)	
18.12.2017	III	Survival Analysis (BST-13)	
21.12.2017	IV	Epidemiology (BST-14)	
28.11.2017	v	Elective: Quality Management & Improvement Techniques (BST-15) (09 A.M. to 12 Noon)	

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

(Prof. Sheela Misra) Head, Department of Statistics University of Lucknow, Creshanna,

Controller of Examination University of Lucknow, Lucknow

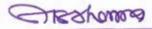
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# (Regular/Exempted/B.P./Improvement) M.Sc. (Biochemistry) SEM- I

### TIME ALLOWED: 3 HOURS

### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
04.12.2017	BC-101	Biophysical Chemistry and Techniques
07.12.2017	BC-102	Biological Macromolecules : Structure and Functions
12.12.2017	BC-103	Enzymes and Intermediary Metabolism I
14.12.2017	BC-104	Clinical Biochemistry and Physiology

# M.Sc. (Biochemistry) SEM- III

#### TIME ALLOWED: 3 HOURS

### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	PAPER	PAPER TITLE
05.12.2017	BC-301	Biotechnology –I
11.12.2017	BC-302	Immunology-I
13.12.2017	BC-303	Enzymes and Intermediary Metabolism II
15.12.2017	BC-304	Regulation of Gene Expression

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

(Prof. D. Chandra) Head, Department of Biochemistry University of Lucknow,

Controller of Examination University of Lucknow,

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

# M.Sc. (Biotechnology) SEM- I

#### **TIME ALLOWED: 3 HOURS**

#### TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
04.12.2017	BT-101	Biomolecules and Biopolymers
07.12.2017	BT-102	Biophysical Chemistry & Techniques
12.12.2017	BT-103	Biostatistics & Computer Applications
14.12.2017	BT-104	Enzymology

# M.Sc. (Biotechnology) SEM-III

#### TIME ALLOWED: 3 HOURS

### TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
05.12.2017	BT-301	Molecular Biology II
11.12.2017	BT-302	Principles of Genetics Engineering
13.12.2017	BT-303	Microbial Technology & Bioprocess Engineering
15.12.2017	BT-304	Immunology-II

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

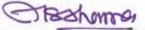
(Prof. D. Chandra) Head, Department of Biochemistry University of Lucknow, Controller of Examination University of Lucknow, Lucknow

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

TIME ALLOWED:	3 HOURS	TIMINGS: 09.00 A.M. TO 12.00 No
DATE	PAPER	PAPER TITLE
12.12.2017	I	Descriptive Statistics (BST-01)
14.12.2017	II	Elements of Demography (BST-02)
16.12.2017	III	Probability Theory and Distributions (BST-03)
19.12.2017	IV	Health Data management & Computer Programming (BST-04)
27.11.2017	V	Elective (Data Analysis Using SPSS) (BST-05) (9 A.M. to 12.00 Noon)

### **Bio-Statistics- Semester- III**

TIME ALLOWED:	3 HOURS	TIMINGS: 09.00 A.M. TO 12.00 Noon
DATE	PAPER	PAPER TITLE
13.12.2017	I	Generalized Linear Models (BST-11)
15.12.2017	II	Design of Experiments (BST-12)
18.12.2017	III	Survival Analysis (BST-13)
20,12,2017	IV	Epidemiology (BST-14)
28.12.2017	V	Quality Management & Improvement Techniques (BST-15) (09 A.M. to 12 Noon)

1. No Assurance is given for the order of question papers. NOTE:

2. Examinees are advised to see the University website. www.lkouniv.ac.in

(Prof. Sheela Misra) Head, Department of Statistics University of Lucknow,

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Controller of Examination University of Lucknow, Lucknow

Dated: .....

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Controller of Examination University of Lucknow,

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

# M.Sc. (GEOLOGY) SEM-I

### TIME ALLOWED: 3 HOURS

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

DATE	PAPER	PAPER TITLE
05.11.2017	1	Mineralogy and Geochemistry
07.12.2017	Ш	Structural Geology & Tectonics
11.12.2017	Ш	Igneous Petrology
13.12.2017	IV	Engineering Geology and Ground water
27.11.2017	EF-10	CBCS Elective Geology

Practical and Viva will be held on Sunday December 14, 2017 (09.00 A.M. onwards)

# M.Sc. (GEOLOGY) SEM-III

### TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 11.00 A.M.

DATE	PAPER	PAPER TITLE
04.11.2017	1	Geophysics and Petroleum Geology
07.12.2017	Ш	Environmental Geology and Natural Hazards
12.12.2017	Ш	Stratigraphy
14.12.2017	IV	Palaeontology
28.11.2017	CG-30	CBCS Elective Geology

Practical and Viva Voce will be held on Tuesday, December 13, 2017 (09.30 A.M. onwards)

NOTE: NO GUARANTEE CAN BE GIVEN TO THE CANDIDATE REGARDING THE ORDER OF QUESTION PAPER.

- Sd/-

(Prof. Rameshwar Bali) Head, Deptt. of Geology University of Lucknow, Lucknow Controller of Examination University of Lucknow Lucknow

Date: 17-11-2017

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

#### TIME ALLOWED: 3 HOURS

#### TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE	
27.11.2017	E-1	Approximation Theory	
05.12.2017	I	Topology-I	
12.12.2017	II	Advance Algebra	
14.12.2017	III	Differential Geometry of Manifolds	
16.12.2017	IV	Integral Equations & Partial Differential Equations	
19.12.2014	V	Real Analysis	

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

### TIME ALLOWED: 3 HOURS

### TIMINGS: 01.00 P.M. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
28.11.2017	E-3	Approximation Theory
04.12.2017	I	Functional Analysis
07.12.2017	II	Structure on Even Sub-manifolds
11.12.2017	III	Fluids Mechanics
13.12.2017	V	Special Functions
15.12.2017	VIII	Mathematical Biology
18.12.2017	Х	Ordinary Differential Equations
20.12.2017	XIII	Astronomy & Astrophysics
22.12.2017	XV	Theory in Cryptography

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

(Prof. Bhaskar Srivastava) Head, Department of Mathematics University of Lucknow,

No. LU/CoE/ .....

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# (Regular/Exempted/B.P./Improvement) M.Sc. Nuclear Medicine, Semester -I

#### TIME ALLOWED: 3 HOURS

### TIMINGS: 01.00 PM. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE
27.11.2017	V	Elective Paper (Biostatistics) (9.00AM. to 12.00Noon)
05.12.2017	I	Anatomy & Physiology (Part-I)
11.12.2017	II	Biostatics, Mathematics and Computer
13.12.2017	III	Basic Radiation Physics and Chemistry
15.12.2017	IV	Radiation Biology and Radiation Protection

# M.Sc. Nuclear Medicine, Semester -III

### TIME ALLOWED: 3 HOURS

### TIMINGS: 01.00 PM. TO 04.00 P.M.

DATE	PAPER	PAPER TITLE	
04.12.2017	I	Radiopharmacy-II	
07.12.2017	II	Instrumentation-II	
12.12.2017	III	Principle & Practice of Radiological Protection	
16.12.2017	V	Clinical Nuclear Medicine Techniques	

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

(Prof. Satyawati Deswal) Head, Department of Nuclear Medicine University of Lucknow,

Mashama

Controller of Examination University of Lucknow, Lucknow

Dated: .....

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

### M.Sc. (Zoology) SEM-III

### TIME ALLOWED: 3 HOURS

#### TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	DAYS	PAPER (NEW COURSE)
11.12.2017	Monday	I
13.12.2017	Wednesday	П
15.12.2017	Friday	III

### M.Sc. (Zoology) SEM-I

#### TIME ALLOWED: 3 HOURS

TIMINGS: 09.00 A.M. TO 12.00 Noon

DATE	DAYS	PAPER (NEW COURSE)
12.12.2017	Tuesday	I
14.12.2017	Thursday	П
16.12.2017	Saturday	III

1. No Assurance is given for the order of question papers. NOTE:

2. Examinees are advised to see the University website. www.lkouniv.ac.in

(Prof. Omkar) Head, Department of Zoology University of Lucknow,

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