

Ref. No.: YBNU/COE/08072021/001

Date: 08/07/2022

**End Semester Examination July 2022 (Theory) Schedule-New Syllabus**

**Exam: 2nd Semester & Ex  
B.Sc. (2021-24)**

S.N.	Course	Subject	20/07/2022 (Wednesday)		22/07/2022 (Friday)	
			10 AM - 1 PM	2 PM - 5 PM	10 AM - 1 PM	2 PM - 5 PM
1.	B.Sc.	Physics	1Y3PHY201 Environmental Science	1Y3PHY 202 Thermal Physics	1Y3PHY203 Current Electricity	1Y3PHY204 Generic Elective-II
2.	B.Sc.	Chemistry	1Y3CHE201 Environmental Science	1Y3CHE202 Chemistry-I	1Y3CHE203 Physical Chemistry-II	1Y3CHE204 Generic Elective-II
3.	B.Sc.	Math	1Y3MAT201 Real Analysis	1Y3MAT202 Differential Equations	1Y3MAT203 Environmental Science	1Y3MAT204 GE-2 Electricity and Magnetism
4.	B.Sc.	Botany	1Y3 BOT 201 English Communications II/ Environmental Science-II	1Y3 BOT 202 Mycology and Plant Pathology	1Y3 BOT 203 Gymnosperms & Paleobotany	1Y3 BOT204 Generic Elective-II
5.	B.Sc.	Zoology	1Y3 ZOO201 English Communications-II/ Environmental Science-II	1Y3 ZOO 202 Non-chordates II: Coelomates	1Y3 ZOO 203 Cell Biology	1Y3 ZOO204 Generic Elective-II Animal Diversity
6.	B.Sc.	Biotechnology	1Y3BT201 Mammalian Physiology	1Y3BT202 Plant and Microbial Physiology	1Y3BT 203 Environmental Science	1Y3BT 204 Entrepreneurship Development
7.	B.Sc.	Microbiology	1Y3MB201 Biochemistry	1Y3MB202 Virology	1Y3MB203 Environmental Science	1Y3MB204 Microbial Metabolism
8.	B.Sc.	Biochemistry	1Y3BCH201 English communication / Environmental Science	1Y3BCH202 Proteins	1Y3BCH203 Enzymes	1Y3BCH204 Generic Elective-II Proteins and Enzymes / Biochemical Correlation of Diseases
9.	B.Sc.	Environmental Science	1Y3 EVS201 English Communications-II/ Environmental Science-II	1Y3 EVS 202 Water and Water Resources	1Y3 EVS 203 Land and Soil Conservation and Management	1Y3 EVS 204 Generic Elective-II Human-Wildlife Conflict & Management

Note: Practical/Oral/Viva/Project presentation schedule will be given separately by the Dean of Concerned School.

By Order of the Hon'ble Vice-Chancellor

*[Signature]*  
08/07/2022



EXAMINATION CONTROLLER  
 YBN UNIVERSITY, RANCHI  
 HARSHAN, 834016  
 Controller of Examinations  
 YBNU, Ranchor

Ref. No.: YBNUN/CBE/2020-23/001

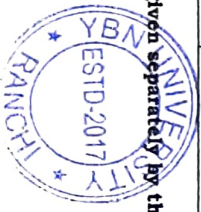
**End Semester Examination July 2022 (Theory) Schedule-New Syllabus**

**Exam: 4<sup>th</sup> Semester & Ex  
 B.Sc. (2020-23)**

Date: 08/07/2022

S.N.	Course	Subject	20/07/2022 (Wednesday)	22/07/2022 (Friday)	25/07/2022 (Monday)
1.	B.Sc.	Physics	10 AM - 1 PM 1Y3PHY401 Optics	10 AM - 1 PM 1Y3PHY403 Electromagnetic Theory	10 AM - 1 PM --
2.	B.Sc.	Chemistry	2 PM - 5 PM 1Y3CHE401 Inorganic Chemistry-III	2 PM - 5 PM 1Y3CHE403 Physical Chemistry-IV	2 PM - 5 PM 1Y3CHE405 Generic Elective-IV
3.	B.Sc.	Math	10 AM - 1 PM 1Y3MAT401 Numerical Methods	10 AM - 1 PM 1Y3MAT403 Ring Theory	10 AM - 1 PM --
4.	B.Sc.	Botany	2 PM - 5 PM 1Y3BOT401 Molecular Biology	2 PM - 5 PM 1Y3BOT403 Plant Embryology	2 PM - 5 PM 1Y3BOT405 Generic Elective-IV
5.	B.Sc.	Zoology	10 AM - 1 PM 1Y3ZOO401 Comparative Anatomy of Vertebrates	10 AM - 1 PM 1Y3ZOO403 Physiology: Life Sustaining Systems	10 AM - 1 PM 1Y3ZOO405 Generic Elective-IV Environment and Public Health
6.	B.Sc.	Biotechnology	2 PM - 5 PM 1Y3BT401 Molecular Biology	2 PM - 5 PM 1Y3BT402 Immunology	2 PM - 5 PM --
7.	B.Sc.	Microbiology	10 AM - 1 PM 1Y3MB401 Microbial Genetics & Genomics	10 AM - 1 PM 1Y3MB403 Food & Dairy Microbiology	10 AM - 1 PM 1Y3MB405 Food Fermentation Techniques
8.	B.Sc.	Biochemistry	2 PM - 5 PM 1Y3BCH401 Human Physiology	2 PM - 5 PM 1Y3BCH403 Metabolism of Amino Acids & Nucleotides	2 PM - 5 PM 1Y3BCH405 Generic Elective-IV Recombinant DNA Technology
9.	B.Sc.	Environmental Science	10 AM - 1 PM 1Y3EVS401 Systematics & Biogeography	10 AM - 1 PM 1Y3EVS402 Urban Ecosystems	10 AM - 1 PM 1Y3EVS404 Skill Enhancement Course-2 (Environment Impact & Risk Assessment)

Note: Practical/Oral/Viva/Project presentation schedule will be given separately by the Dean of Concerned School.



By Order of the Hon'ble Vice-Chancellor

EXAMINATION CONTROLLER  
 YBNUN/CBE/2020-23/001  
 Jeebhondla, Rajahmundry

*[Signature]*  
 08/07/2022



Ref. No.: YBN/BI/COE/08092022/001

Date: 08/07/2022

**End Semester Examination July 2022 (Theory) Schedule-Old Syllabus**  
**Exam: 6<sup>th</sup> Semester & Ex**  
**B.Sc. (2019-22)**

S.N.	Course	Subject	20/07/2022 (Wednesday)		22/07/2022 (Friday)		25/07/2022 (Monday)	
			10 AM - 1 PM	2 PM - 5 PM	10 AM - 1 PM	2 PM - 5 PM	10 AM - 1 PM	2 PM - 5 PM
1.	B.Sc.	Physics	BSP-61 SPECIAL RELATIVITY AND ELECTROMAGNETIC WAVES	BSP-62 SUBATOMIC PHYSICS	BSP-63 ANALOG AND DIGITAL ELECTRONICS	--	--	--
2.	B.Sc.	Chemistry	BCHE601 INORGANIC CHEMISTRY- IV	BCHE602 INORGANIC CHEMISTRY-IV	BCHE603 ORGANIC CHEMISTRY-V	BCHE604 INDUSTRIAL CHEMICALS & ENVIRONMENT	--	--
3.	B.Sc.	Math	BSCM-601 PROBABILITY THEORY	BSCM-602 LINEAR PROGRAMMING AND OPTIMIZATION	BSCM-603 ALGEBRA IV	BSCM-604 ANALYSIS IV	BSCM-605 COMPUTER SCIENCE II	--
4.	B.Sc.	Botany	BOT-61 PLANT PHYSIOLOGY	BOT-62 PLANT METABOLISM	BOT-63 MEDICINAL AND ETHNOBOTANY	BOT-64 RESEARCH METHODOLOGY	--	--
5.	B.Sc.	Zoology	BSZ-61 BIOLOGICAL CHEMISTRY AND BASIC MAMMALIAN ENDOCRINOLOGY	BSZ-62 ANIMAL PHYSIOLOGY	BSZ-63 BIOINFORMATICS AND BIOSTATISTICS	--	--	--
6.	B.Sc.	Biotechnology	BSCBT-601 MODEL ORGANISMS IN HUMAN GENOME PROJECT	BSCBT-602 ELEMENTS OF MANAGEMENT & INTRODUCTION TO ENTREPRENEURS HIP	BSCBT-603 MEDICAL BIOTECHNOLOGY	BSCBT-604 BIOTECHNOLOGY - SOCIAL, LEGAL & ETHICAL ISSUES	BSCBT-605 PROJECT ON BIODIVERSITY	BSCBT-606 DISSERTATION ON BIOTECHNOLOGY
7.	B.Sc.	Microbiology	BSM-61 BIOETHICS	BSM-62 DISSERTATION PROJECT	BSM-63 AGRICULTURAL MICROBIOLOGY	BSM-64 RECOMBINANT DNA TECHNOLOGY	BSM-65 ENZYMOLGY	--

Note: Practical/Oral/Viva/Project presentation schedule will be given separately by the Dean of Concerned School.



By Order of the Honble Vice-Chancellor

EXAMINATION CONTROLLER  
YBN UNIVERSITY, RANCHI  
Controller of Examinations, YBN University, Ranchi  
YBNU, Ranchi

*[Signature]*  
08/07/2022

Ref. No: YBN/COE/08072022/001

**End Semester Examination July 2022 (Theory) Schedule-New Syllabus**

**Exam: 2<sup>nd</sup> Semester & Ex  
 M.Sc. (2021-23)**

Date: 02/07/2022

S.R.	Course	Subject	20/07/2022 (Wednesday) 10 AM - 1 PM	2 PM - 5 PM	22/07/2022 (Friday) 10 AM - 1 PM	2 PM - 5 PM
1.	M.Sc.	Physics	1Y2PHY201 Electronics	1Y2PHY202 Quantum Mechanics-II	1Y2PHY203 Atomic Molecular & Laser Spectroscopy	--
2.	M.Sc.	Chemistry	1Y2CHE201 Elective Course	1Y2CHE202 Quantum Chemistry & Chemical Dynamics	1Y2CHE203 Group Theory & Spectroscopy	--
3.	M.Sc.	Math	Core Course - 4 (Programming in C & MATLAB)	Core Course - 5 (Ordinary Differential Equations)	Core Course - 6 (Differential Geometry and Tensor Analysis)	Core Course - 7 (Programming in C & MATLAB (Practical))
4.	M.Sc.	Botany	1Y2 BOT 201 Elective Course-I	1Y2 BOT 202 Cell Biology and Cytogenetic	1Y2 BOT 203 Plant Physiology and Biochemistry	--
5.	M.Sc.	Zoology	1Y2 ZOO 201 CELLULAR ORGANIZATION AND FUNDAMENTAL PROCESSES	1Y2 ZOO202 Vertebrate Diversity & Ethology	1Y2 ZOO 203 SYSTEM PHYSIOLOGY	--
6.	M.Sc.	Biotechnology	1Y2BT201 Genetic Engineering	1Y2BT202 Biochemistry & Biophysics	1Y2BT203 Immunology	--
7.	M.Sc.	Microbiology	1Y2MB201 Environmental Microbiology	1Y2MB202 Biomolecules & Enzyme	1Y2MB203 Microbial Genetics	--
8.	M.Sc.	Biochemistry	1Y2BCH201 Enzymology/ Biological Macromolecules/ Cell biology & endocrinology	1Y2BCH202 Metabolism of Fuel Molecules	1Y2BCH203 Medical Biochemistry	--
9.	M.Sc.	Environmental Science	1Y2 EVS 201 EC-1 (Environmental Economics)	1Y2 EVS202 Biodiversity Conservation	1Y2 EVS 203 Environmental Legislation	--

Note: Practical/Oral/Viva/Project presentation schedule will be given separately by the Dean of Concerned School.



By Order of the Hon'ble Vice-Chancellor

EXAMINATION CONTROLLER  
 YBN UNIVERSITY, RANCHI  
 HARSHANAND RANJAN  
 Controller of Examinations  
 YBNU, Ranchi

*(Signature)*  
 08/07/2022

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**End Semester Examination July 2022 (Theory) Schedule-New Syllabus**  
**Exam: 4<sup>th</sup> Semester & Ex**  
**M.Sc. (2020-22)**

Date: 08/07/2022

S.N.	Course	Subject	20/07/2022 (Wednesday)	22/07/2022 (Friday)
1.	M.Sc.	Physics	10 AM - 1 PM 1Y2PHY401 Electrodynamics & Plasma Physics	10 AM - 1 PM 1Y2PHY403 Electronics/Condensed Matter Physics/Advanced Quantum Mechanics [Paper-III]
2.	M.Sc.	Chemistry	1Y2CHE401 Synthetic Organic Chemistry	1Y2CHE402 Elective Course-IV
3.	M.Sc.	Math	Elective - 2 (Optimization Techniques/ Integral Transforms/ Probability & Statistics) 1Y2 BOT 401 Plant Breeding & Cytogenetics	Elective - 3 (Operations Research/Integral Equations/ Mathematical Modelling) 1Y2 BOT 402 Elective Course-III
4.	M.Sc.	Botany	1Y2 ZOO 401 APPLIED BIOLOGY	1Y2 ZOO 402 Elective Course-III (Entomology)
5.	M.Sc.	Zoology	1Y2BT401 Biostatistics, Computer application & Bioinformatics	1Y2BT402 Plant Biotechnology
6.	M.Sc.	Biotechnology	1Y2MB401 Food & dairy Microbiology	1Y2MB402 Industrial microbiology & Bioprocess Engineering
7.	M.Sc.	Microbiology	1Y2BCH401 Molecular Biology, Clinical Biochem. And Diagnostics	1Y2BCH402 Biochemical Genetics and Gene regulation, Genetic engineering and Biotech
8.	M.Sc.	Biochemistry	1Y2 EVS 401 Environmental Health Management	1Y2 EVS 402 Elective Course-III (Restoration Ecology)
9.	M.Sc.	Environmental Science		

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08/07/2022