

Deccan Education Society's
Fergusson College (Autonomous), Pune 4.

**THIRD YEAR B. Sc.
(SEMESTER - V)**

Backlog (2019 & 2016 PATTERN)

SCHEDULE OF END SEMESTER EXAMINATION,

APRIL 2023

(Offline Examination)

(Under Faculty of Science)

INSTRUCTIONS FOR CANDIDATES

- 1.** Candidates are required to be present at the examination centre **fifteen minutes** before the time fixed for the first paper and **ten minutes** before the time of each subsequent paper.
- 2.** Candidates are **not allowed** from taking any material into the examination hall that can be used for malpractice at the time of examination.
- 3.** Candidates are requested to see the **notice board** at their place of examination regularly for changes if any, which may be notified later in the program.
- 4.** No request for any special concession such as a change in time or any day fixed for the Examination on any ground shall be granted.
- 5.** Use of non-programmable calculator is allowed.

Time: 02:30 PM to 05:00 PM

Day & Date	Pattern	Paper Code	Subject
Monday 17/04/2023	2016	BOT3501	BOTANY – PAPER-I Cryptogamic Botany
	2019	BOT3501	CRYPTOGAMIC BOTANY
	2016	CHE3501	CHEMISTRY – PAPER-I Physical Chemistry I
	2019	CHE3501	PHYSICAL CHEMISTRY - I
	2016	ELS3501	ELECTRONIC SCIENCE- PAPER-I Design with Analog ICs
	2019	ELS3501	COMMUNICATION ELECTRONICS
	2016	EVS3501	ENVIRONMENTAL SCIENCE – PAPER-I Terrestrial and Aquatic Ecosystems Management
	2019	EVS3501	TERRESTRIAL AND AQUATIC ECOSYSTEMS MANAGEMENT
	2016	GLY3501	GEOLOGY – PAPER-I Mineralogy, Optics and Crystallography
	2019	GLY3501	MINERALOGY
	2016	MIC3501	MICROBIOLOGY – PAPER-I Medical Microbiology
	2019	MIC3501	MEDICAL MICROBIOLOGY
	2016	PHY3501	PHYSICS – PAPER-I Mathematical Methods in Physics
	2019	PHY3501	MATHEMATICAL METHODS IN PHYSICS
	2016	STS3501	STATISTICS – PAPER-I Distribution Theory
	2019	STS3501	DISTRIBUTION THEORY

Monday 17/04/2023	2016	ZOO3501	ZOOLOGY – PAPER-I Life & Diversity of Animals- V
	2019	ZOO3501	LIFE AND DIVERSITY OF ANIMALS-V
	2016	MTS3501	MATHEMATICS – PAPER-I Metric Spaces
	2019	MTS3501	REAL ANALYSIS - I
Tuesday 18/04/2023	2016	BOT3502	BOTANY – PAPER-II Cell Biology
	2019	BOT3502	ETHNOBOTANY
	2016	CHE3502	CHEMISTRY – PAPER-II Inorganic Chemistry I
	2019	CHE3502	INORGANIC CHEMISTRY - I
	2016	ELS3502	ELECTRONIC SCIENCE – PAPER-II Electronic Communication System
	2019	ELS3502	MICROPROCESSORS & MICROCONTROLLERS
	2016	EVS3502	ENVIRONMENTAL SCIENCE – PAPER-II Environmental Monitoring
	2019	EVS3502	ENVIRONMENTAL MONITORING
	2016	GLY3502	GEOLOGY – PAPER-II Structural Geology and Tectonics
	2019	GLY3502	ENGINEERING GEOLOGY
	2016	MIC3502	MICROBIOLOGY – PAPER-II DNA Functioning & Transfer in Bacteria
	2019	MIC3502	DNA FUNCTIONING AND TRANSFER IN BACTERIA
	2016	PHY3502	PHYSICS – PAPER-II Solid State Physics
	2019	PHY3502	SOLID STATES OF PHYSICS

Tuesday 18/04/2023	2016	STS3502	STATISTICS – PAPER-II Theory of Estimation
	2019	STS3502	THEORY OF ESTIMATION
	2016	ZOO3502	ZOOLOGY – PAPER-II Fundamentals of Histology
	2019	ZOO3502	FUNDAMENTALS OF HISTOLOGY
	2016	MTS3502	MATHEMATICS – PAPER-II Real Analysis - I
	2019	MTS3502	COMPLEX ANALYSIS - I
Wednesday 19/04/2023	2016	BOT3503	BOTANY – PAPER-III Genetics and Evolution
	2019	BOT3503	GENETICS AND EVOLUTION
	2016	CHE3503	CHEMISTRY – PAPER-III Organic Chemistry I
	2019	CHE3503	ORGANIC CHEMISTRY - I
	2016	ELS3503	ELECTRONIC SCIENCE – PAPER-III Microcontroller
	2019	ELS3503	CIRCUIT DESIGN WITH LINEAR ICS
	2016	EVS3503	ENVIRONMENTAL SCIENCE – PAPER-III Remote Sensing and GIS
	2019	EVS3503	REMOTE SENSING AND GIS
	2016	GLY3503	GEOLOGY – PAPER-III Precambrian Stratigraphy of India
	2019	GLY3503	STRUCTURAL GEOLOGY
	2016	MIC3503	MICROBIOLOGY – PAPER-III Enzymology
	2019	MIC3503	ENZYMولوجY
	2016	PHY3503	PHYSICS – PAPER-III Classical Mechanics

Wednesday 19/04/2023	2019	PHY3503	CLASSICAL MECHANICS
	2016	MTS3503	MATHEMATICS – PAPER-III Mathematics Problem Course - I
	2019	MTS3503	GROUP THEORY
	2016	STS3503	STATISTICS – PAPER-III Introduction to Regression Analysis
	2019	STS3503	INTRODUCTION TO REGRESSION ANALYSIS
	2016	ZOO3503	ZOOLOGY – PAPER-III Bio-Chemistry
	2019	ZOO3503	BIOCHEMISTRY
Thursday 20/04/2023	2016	BOT3504	BOTANY – PAPER-IV Spermatophyta and Palaeobotany
	2019	BOT3504	SPERMATOPHYTA AND PALEOBOTANY
	2016	CHE3504	CHEMISTRY – PAPER-IV Analytical Chemistry I
	2019	CHE3504	ANALYTICAL CHEMISTRY - I
	2016	ELS3504	ELECTRONIC SCIENCE – PAPER -IV Embedded C
	2019	ELS3504	SENSORS AND ACTUATORS
	2016	EVS3504	ENVIRONMENTAL SCIENCE –PAPER- IV Environmental Biotechnology
	2019	EVS3504	ENVIRONMENTAL BIOTECHNOLOGY
	2016	GLY3504	GEOLOGY – PAPER-IV Geomorphology, Remote Sensing & Field Geology
	2019	GLY3504	GEOLOGY OF INDIA - I
	2016	MIC3504	MICROBIOLOGY – PAPER-IV Fundamentals of Immunology
2019	MIC3504	FUNDAMENTALS OF IMMUNOLOGY	

Thursday 20/04/2023	2016	PHY3504	PHYSICS – PAPER-IV Atomic and Molecular Physics
	2019	PHY3504	ATOMIC AND MOLECULAR PHYSICS
	2016	STS3504	STATISTICS – PAPER-IV Designs of Experiments
	2019	STS3504	DESIGN OF EXPERIMENTS
	2016	ZOO3504	ZOOLOGY – PAPER-IV Ecology and Environmental Biology
	2019	ZOO3504	ECOLOGY AND ENVIRONMENTAL BIOLOGY
	2016	MTS3504	MATHEMATICS – PAPER-IV Group Theory
	2019	MTS3504	ADVANCED LINEAR ALGEBRA
Friday 21/01/2023	2016	BOT3505 OR BOT3506	BOTANY – PAPER-V Horticulture, Floriculture and Gardening OR BOTANY – PAPER-VI Bio-Fertilizers
	2019	BOT3505	HORTICULTURE AND FLORICULTURE
	2016	CHE3505 OR CHE3506	CHEMISTRY – PAPER-V Nuclear Chemistry I OR CHEMISTRY – PAPER-VI Biochemistry I
	2019	CHE3505	INDUSTRIAL CHEMISTRY – I
	2016	ELS3505 OR ELS3506	ELECTRONIC SCIENCE – PAPER-V Sensors & Actuators OR ELECTRONIC SCIENCE – PAPER-VI Optoelectronics
	2019	ELS3505	POWER ELECTRONICS

Friday 21/04/2023	2016	EVS3505 OR EVS3506	ENVIRONMENTAL SCIENCE–PAPER-V Resource Economics OR ENVIRONMENTAL SCIENCE–PAPER-VI Introduction to Environmental Statistics
	2019	EVS3505	INTRODUCTION TO ENVIRONMENTAL STATISTICS
	2016	GLY3505 OR GLY3506	GEOLOGY – PAPER-V Engineering Geology OR GEOLOGY – PAPER-VI Principles of Geochemistry
	2019	GLY3505	GEOMORPHOLOGY AND REMOTE SENSING
	2016	MIC3505 OR MIC3506	MICROBIOLOGY – PAPER-V Principles of Fermentation Technology OR MICROBIOLOGY – PAPER-VI Basic Wastewater Treatment
	2019	MIC3505	PRINCIPLES OF FERMENTATION TECHNOLOGY
	2016	PHY3505 OR PHY3506	PHYSICS – PAPER-V Analog Electronics OR PHYSICS – PAPER-VI C-Programming
	2019	PHY3505	ELEMENTS OF MATERIAL SCIENCE
	2016	STS3505 OR STS3506	STATISTICS – PAPER-V Actuarial Statistics OR STATISTICS – PAPER-VI Demography & Indian Official Statistics
	2019	STS3505	ACTUARIAL STATISTICS
	2016	ZOO3515	ZOOLOGY – PAPER-V Immunology
	2019	ZOO3515	FORENSIC ENTOMOLOGY

Friday 21/04/2023	2016	MTS3505	MATHEMATICS – PAPER-V Partial Differential Equation
	2019	MTS3505	METRIC SPACES - I
	2016	VPH3501	VOCATIONAL PHOTOGRAPHY- PAPER-I Video Recording and Playback Systems*
	2019	VPH3501	VIDEO RECORDING AND PLAYBACK SYSTEMS
Monday 24/04/2023	2016	BOT3507 OR BOT3508	BOTANY – PAPER-VII Techniques in Plant Sciences and Biostatistics OR BOTANY – PAPER-VIII Ethnobotany
	2019	BOT3506	CELL BIOLOGY AND MOLECULAR BIOLOGY
	2016	CHE3507 OR CHE3508	CHEMISTRY – PAPER-VII Industrial Chemistry I OR CHEMISTRY – PAPER-VIII Environmental Chemistry I
	2019	CHE3506	BIOCHEMISTRY - I
	2016	ELS3507 OR ELS3508	ELECTRONIC SCIENCE – PAPER-VII Computer Networks OR ELECTRONIC SCIENCE – PAPER-VIII Smart Systems
	2019	ELS3506	ELECTRONIC DESIGN AUTOMATION TOOLS
	2016	EVS3507 OR EVS3508	ENVIRONMENTAL SCIENCE – PAPER- VII Environmental Issues and Solutions OR ENVIRONMENTAL SCIENCE – PAPER- VIII Climate Change and Sustainability
	2019	EVS3506	CLIMATE CHANGE AND SUSTAINABILITY

Monday 24/04/2022	2016	GLY3507 OR GLY3508	GEOLOGY- PAPER-VII Quaternary Geology and Paleoclimate OR GEOLOGY- PAPER-VIII Basics of Geophysics and Geophysical Prospecting
	2019	GLY3506	HYDROGEOLOGY
	2016	MIC3507 OR MIC3508	MICROBIOLOGY – PAPER-VII Agricultural Microbiology & Bio nanotechnology OR MICROBIOLOGY – PAPER-VIII Instrumentation in Biology
	2019	MIC3506	AGRICULTURAL MICROBIOLOGY AND BIO NANOTECHNOLOGY
	2016	PHY3507 OR PHY3508 OR PHY3509	PHYSICS – PAPER-VII LASERS OR PHYSICS – PAPER-VIII Elements of Materials Science OR Radiation Physics
	2019	PHY3506	LASERS
	2016	STS3507 OR STS3508	STATISTICS – PAPER-VII Operations Research OR STATISTICS – PAPER-VIII Biostatistics
	2019	STS3506	OPERATIONS RESEARCH
	2016	ZOO3517 ZOO3607 OR ZOO3508	ZOOLOGY Biological Techniques OR Forensic Entomology
	2019	ZOO3517	BIOLOGICAL TECHNIQUES & BIOINFORMATIC
	2016	MTS3506	MATHEMATICS – PAPER-VI Mathematics Problem Course - II
	2019	MTS3506	NUMBER THEORY

Monday 24/04/2023	2016	VBT3501	VOCATIONAL BIOTECHNOLOGY - PAPER - I Plant and Animal Biotechnology
	2019	VBT3501	PLANT AND ANIMAL BIOTECHNOLOGY
	2016	VPH3502	VOCATIONAL PHOTOGRAPHY - PAPER-II Video Production*
	2019	VPH3502	VIDEO PRODUCTION
Tuesday 25/04/2023 (SEC Paper I)	2019	BOT3511	BIO-FERTILIZER
	2019	CHE3511	CHEMICAL LAB SAFETY AND WASTE MANAGEMENT
	2019	EVS3511	HYDROPONICS: A GREEN WAY OF URBAN FARMING
	2019	GLY3511	OF RESPECTIVE DEPARTMENT
	2019	MIC3511	<i>CLINICAL BIOCHEMISTRY AND DIAGNOSTIC MICROBIOLOGY</i>
	2019	ZOO3511	BEE KEEPING
	2019	ELS3511	PCB DESIGN AND FABRICATION
	2019	PHY3511	ANALOG ELECTRONICS
	2019	STS3511	OF RESPECTIVE DEPARTMENT
	2019	MTS3514	PRATIAL DIFFERENTIAL EQUATIONS
	2019	MTS3511	OPERATION RESEARCH
Wednesday 26/04/2023 (SEC Paper II)	2019	BOT3512	TECHNIQUES IN PLANT SCIENCES AND BIOSTATISTICS
	2019	CHE3512	PHARMACOLOGY
	2019	EVS3512	SOFTWARE'S IN ENVIRONMENTAL STUDIES
	2019	GLY3512	GEMMOLOGY
	2019	MIC3512	<i>EPIDEMIOLOGICAL PRINCIPLES AND EXPERIMENTAL ANALYSIS</i>

Wednesday 26/04/2023 (SEC Paper II)	2019	ZOO3512	VERMICULTURE AND VERMICOMPOSTING
	2019	ELS3512	ROBOTICS
	2019	PHY3512	NUMERICAL ANALYSIS
	2019	STS3512	OF RESPECTIVE DEPARTMENT
	2019	MTS3512	FINANCIAL MATHEMATICS I
	2019	MTS3513	PYYHON PROGRAMMING
Thursday 27/04/2023	2016	MTS3507 OR MTS3508	MATHEMATICS – PAPER-VII Operations Research OR MATHEMATICS – PAPER-VIII Number Theory
	2016	VBT3502	VOCATIONAL PAPER - II BIOTECHNOLOGY Microbial Biotechnology and Fermentation
	2019	VBT3502	MICROBIAL BIOTECHNOLOGY AND FERMENTATION
Friday 28/04/2023	2016	MTS3509 OR MTS3511	MATHEMATICS – PAPER-IX C-programming – I OR MATHEMATICS – PAPER-XI Financial Mathematics – I

NOTE: - The practical examinations will be conducted before theory examination in such a way that, there will no clashes.

Dr. Nandkumar Mandlik
Controller of Examinations
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Dr. Ravindrasing Pardeshi
Principal
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