

**THIRD YEAR BACHELOR OF SCIENCE (AUTONOMOUS),
(2016 Patten)**

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

THIRD YEAR BACHELOR OF SCIENCE SEM V (AUTONOMOUS)

BACKLOG (2016 PATTERN)

Examination of March/April 2020

(Under Faculty of Science)

INSTRUCTIONS FOR CANDIDATES

- 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.
- Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
- Candidates are requested to see the Notice Board at their place of examination regularly for changes if any that may be notified later in the program.
- 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.
- Use of non programmable calculator is permitted.

Time:- 2.30 PM To 4.30 PM

Day & Date	Paper Code	Subject
Monday 16-03-2020	MTS3507	MATHEMATICS – PAPER-VII Operations Research
	OR MTS3508	MATHEMATICS – PAPER-VIII Number Theory
Tuesday 17-03-2020	BOT3501	BOTANY – PAPER-I Cryptogamic Botany
	CHE3501	CHEMISTRY – PAPER-I Physical Chemistry I
	ELS3501	ELECTRONIC SCIENCE- PAPER-I Design with Analog ICs
	EVS3501	ENVIRONMENTAL SCIENCE – PAPER-I Terrestrial and Aquatic Ecosystems Management
	GLY3501	GEOLOGY – PAPER-I Mineralogy, Optics and Crystallography

Tuesday 17-03-2020	MIC3501	MICROBIOLOGY - PAPER-I Medical Microbiology
	PHY3501	PHYSICS - PAPER-I Mathematical Methods in Physics
	STS3501	STATISTICS - PAPER-I Distribution Theory
	ZOO3501	ZOOLOGY - PAPER-I Life & Diversity of Animals- V
	MTS3501	MATHEMATICS - PAPER-I Metric Spaces
Wednesday 18-03-2020	BOT3502	BOTANY - PAPER-II Cell Biology
	CHE3502	CHEMISTRY - PAPER-II Inorganic Chemistry I
	ELS3502	ELECTRONIC SCIENCE - PAPER-II Electronic Communication System
	EVS3502	ENVIRONMENTAL SCIENCE - PAPER-II Environmental Monitoring
	GLY3502	GEOLOGY - PAPER-II Structural Geology and Tectonics
	MIC3502	MICROBIOLOGY - PAPER-II DNA Functioning & Transfer
	PHY3502	PHYSICS - PAPER-II Solid State Physics
	STS3502	STATISTICS - PAPER-II Theory of Estimation
	ZOO3502	ZOOLOGY - PAPER-II Fundamentals of Histology
	MTS3502	MATHEMATICS - PAPER-II Real Analysis - I
Thursday 19-03-2020	BOT3503	BOTANY - PAPER-III Genetics and Evolution
	CHE3503	CHEMISTRY - PAPER-III Organic Chemistry I
	ELS3503	ELECTRONIC SCIENCE - PAPER-III Microcontroller
	EVS3503	ENVIRONMENTAL SCIENCE - PAPER-III Remote Sensing and GIS
	GLY3503	GEOLOGY - PAPER-III Precambrian Stratigraphy of India

Thursday 19-03-2020	MIC3503	MICROBIOLOGY – PAPER-III Enzymology
	PHY3503	PHYSICS – PAPER-III Classical Mechanics
	MTS3509 OR MTS3511	MATHEMATICS – PAPER-IX C-programming – I OR MATHEMATICS – PAPER-XI Financial Mathematics – I
	STS3503	STATISTICS – PAPER-III Introduction to Regression Analysis
	ZOO3503	ZOOLOGY – PAPER-III Bio-Chemistry
Friday 20-03-2020	BOT3504	BOTANY – PAPER-IV Spermatophyta and Palaeobotany
	CHE3504	CHEMISTRY – PAPER-IV Analytical Chemistry I
	ELS3504	ELECTRONIC SCIENCE – PAPER -IV Embedded C
	EVS3504	ENVIRONMENTAL SCIENCE – PAPER-IV Environmental Biotechnology
	GLY3504	GEOLOGY – PAPER-IV Geomorphology, Remote Sensing & Field Geology
	MIC3504	MICROBIOLOGY – PAPER-IV Fundamentals of Immunology
	PHY3504	PHYSICS – PAPER-IV Atomic and Molecular Physics
	STS3504	STATISTICS – PAPER-IV Designs of Experiments
	ZOO3504	ZOOLOGY – PAPER-IV Ecology and Environmental Biology
	MTS3503	MATHEMATICS – PAPER-III Mathematics Problem Course - I
Saturday 21-03-2020	BOT3505 OR BOT3506	BOTANY – PAPER-V Horticulture, Floriculture and Gardening OR BOTANY – PAPER-VI Bio-Fertilizers
	CHE3505 OR CHE3506	CHEMISTRY – PAPER-V Nuclear Chemistry I OR CHEMISTRY – PAPER-VI Biochemistry I

Saturday 21-03-2020	ELS3505 OR ELS3506	ELECTRONIC SCIENCE – PAPER-V Sensors & Actuators OR ELECTRONIC SCIENCE – PAPER-VI Optoelectronics
	EVS3505 OR EVS3506	ENVIRONMENTAL SCIENCE – PAPER-V Resource Economics OR ENVIRONMENTAL SCIENCE – PAPER-VI Introduction to Environmental Statistics
	GLY3505 OR GLY3506	GEOLOGY – PAPER-V Engineering Geology OR GEOLOGY – PAPER-VI Principles of Geochemistry
	MIC3505 OR MIC3506	MICROBIOLOGY – PAPER-V Principles of Fermentation OR MICROBIOLOGY – PAPER-VI Basic Waste Water Treatment
	PHY3505 OR PHY3506	PHYSICS – PAPER-V Analog Electronics OR PHYSICS – PAPER-VI C-Programming
	STS3505 OR STS3506	STATISTICS – PAPER-V Actuarial Statistics OR STATISTICS – PAPER-VI Demography & Indian Official Statistics
	ZOO3515 ZOO3605	ZOOLOGY – PAPER-V Immunology (Regular) Immunology (Backlog)
	MTS3504	MATHEMATICS – PAPER-IV Group Theory
Monday 23-03-2020	BOT3507 OR BOT3508	BOTANY – PAPER-VII Techniques in Plant Sciences and Biostatistics OR BOTANY – PAPER-VIII Ethnobotany

Monday 23-03-2020	CHE3507 OR CHE3508	CHEMISTRY – PAPER-VII Industrial Chemistry I OR CHEMISTRY – PAPER-VIII Environmental Chemistry I
	ELS3507 OR ELS3508	ELECTRONIC SCIENCE – PAPER-VII Computer Networks OR ELECTRONIC SCIENCE – PAPER-VIII Smart Systems
	EVS3507 OR EVS3508	ENVIRONMENTAL SCIENCE – PAPER-VII Environmental Issues and Solutions OR ENVIRONMENTAL SCIENCE – PAPER-VIII Climate Change and Sustainability
	GLY3507 OR GLY3508	GEOLOGY- PAPER-VII Quaternary Geology and Palaeoclimate OR GEOLOGY- PAPER-VIII Basics of Geophysics and Geophysical Prospecting
	MIC3507 OR MIC3508	MICROBIOLOGY – PAPER-VII Agricultural Microbiology & Bionanotechnology OR MICROBIOLOGY – PAPER-VIII Instrumentation in Biology
	PHY3507 OR PHY3508 OR PHY3509	PHYSICS – PAPER-VII LASERS OR PHYSICS – PAPER-VIII Elements of Materials Science OR Radiation Physics
	STS3507 OR STS3508	STATISTICS – PAPER-VII Operations Research OR STATISTICS – PAPER-VIII Biostatistics
	ZOO3517 ZOO3607 OR ZOO3508	ZOOLOGY Biological Techniques (Regular) Biological Techniques (Backlog) OR Forensic Entomology

Monday 23-03-2020	MTS 3505	MATHEMATICS – PAPER-V Partial Differential Equation
	VBT3501	VOCATIONAL BIOTECHNOLOGY - PAPER - I Plant and Animal Biotechnology
Tuesday 24-03-2020	MTS 3506	MATHEMATICS – PAPER-VI Mathematics Problem Course - II
	VBT3502	VOCATIONAL PAPER - II BIOTECHNOLOGY Microbial Biotechnology and Fermentation
Thursday 26-03-2020	VPH3501	VOCATIONAL PHOTOGRAPHY –PAPER-I Video Recording and Playback Systems*
Friday 27-03-2020	VPH3502	VOCATIONAL PHOTOGRAPHY –PAPER-II Video Production*

NOTE: -The practical examination will be conducted by Fergusson college(Autonomous) before theory examination in such a way that it will not clash with the Theory Examinations.

Dr. Vijay P. Labade
Controller of Examinations
Fergusson College (Autonomous)

Dr. Ravindrasing Pardeshi
Principal
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