

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**(Formerly University of Pune)**



**EXAMINATION CIRCULAR NO.135 OF. 2023**

**Second YEAR B.SC.(REGULAR)(2019 PATTERN)(INCLUDING VOC)**

**Examination of MAR/APR-2023**

**(Under Faculty of SCIENCE AND TECHNOLOGY : A)SCIENCE)**

**INSTRUCTIONS FOR CANDIDATES**

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

SEMESTER - IV

**B.Sc.(REGULAR)(2019)(Credit System)**

**Time:-3.00 PM To 5.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 06-06-2023	24361	AECC-III ENVIRONMENTAL AWARENESS
Wednesday 07-06-2023	24321	AECC-IV A LANGUAGE - ENGLISH
	24331	AECC-IV B LANGUAGE - MARATHI
	24341	AECC-IV C LANGUAGE - HINDI
	24351	AECC-II E LANGUAGE - SANSKRIT
	24371	AECC-IV D LANGUAGE - ARABIC FUNCTIONAL
Thursday 08-06-2023	24131	CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY
Friday 09-06-2023	24132	CH-402 INORGANIC AND ORGANIC CHEMISTRY
Saturday 10-06-2023	24121	PHY-241 OSCILLATIONS, WAVES & SOUND
Monday 12-06-2023	24122	PHY-242 OPTICS
Tuesday 13-06-2023	24111	MT-241 LINEAR ALGEBRA
	24241	EVS-241 BIOLOGICAL DIVERSITY & ITS CONSERVATION
Wednesday 14-06-2023	24112A	MT-242A VECTOR CALCULUS
	24112B	MT-242B DYNAMICAL SYSTEMS
	24242	EVS-242 ENVIRONMENTAL POLLUTION CONTROL TECHNOLOGY
Thursday 15-06-2023	24151	ZO-241 ANIMAL DIVERSITY IV
Friday 16-06-2023	24152	ZO-242 APPLIED ZOOLOGY II
Saturday 17-06-2023	24141	BO-241 PLANT ANATOMY & EMBRYOLOGY
Monday 19-06-2023	24142	BO-242 PLANT BIOTECHNOLOGY
Tuesday 20-06-2023	24161	GL 221 GLOBAL TECTONICS & GEODYNAMICS OF THE LITHOSPHERE
	24171	ST 241 TESTS OF SIGNIFICANCE AND STATISTICAL METHODS

**Second YEAR B.SC.(REGULAR)(2019 PATTERN)  
(INCLUDING VOC)/135/F-2023**

Tuesday 20-06-2023	24201	PAPER - I : HEALTH PSYCHOLOGY
Wednesday 21-06-2023	24162	GL 222 ENVIRONMENTAL GEOLOGY & GEOGENIC DISASTERS
	24172	ST 242 SAMPLING DISTRIBUTION AND EXACT TESTS
	24202	PAPER - II: PSYCHOLOGICAL TESTING & APPLICATION
	24231	DS401 : INTERNATIONAL SECURITY
Thursday 22-06-2023	24191	MB 241 BACTERIAL GENETICS
	24232	DS402 : DEFENCE ECONOMICS
Friday 23-06-2023	24192	MB 242 AIR, WATER & SOIL MICROBIOLOGY
	24233	DS403 : DEFENCE JOURNALISM
Saturday 24-06-2023	24221	EL-241 ANALOG CIRCUIT DESIGN
Monday 26-06-2023	24222	EL-242 MICROCONTROLLER & PYTHON PROGRAMMING
Tuesday 27-06-2023	24181	GG 241 ENVIRONMENTAL GEOGRAPHY - II
	24261	NS-241 ORGANIC AND POLYMER SCIENCE OF NANOMATERIALS
Thursday 29-06-2023	24182	GG 242 GEOGRAPHY OF MAHARASHTRA (HUMAN)-II
	24262	NS-242 ADVANCED TECHNIQUES FOR CHARACTERIZATION OF NANO MATERIALS

SEMESTER - IV

**VOCATIONAL Paper-III**

**Time:-3.00 PM To 5.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 27-06-2023	24571	VBT-221 GENETIC ENGINEERING
	24811	EEM – 241 BASIC LEVEL MAINTENANCE OF HOME & COMMUNITY EQUIPMENT
	24821	IMB 221 MICROBIAL FERMENTATIONS & DOWN-STREAM PROCESSING
	24871	CHNA-331 NETWORKING FUNDAMENTALS
	24891	ST 2.4 VEGETABLE SEED PRODUCTION

SEMESTER - IV

**VOCATIONAL Paper-IV**

**Time:-3.00 PM To 5.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Thursday 29-06-2023	24572	VBT-222 BIOINFORMATICS
	24812	EEM – 242 COMPUTER BASED ELECTRONIC EQUIPMENT DESIGN
	24822	IMB 222 QUALITY ASSURANCE IN INDUSTRIAL PRODUCT
	24872	CHNA-332 MICROPROCESSOR & INTERFACING - II
	24892	ST 2.5 SEED QUALITY CONTROL

SEMESTER - III

**B.Sc.(REGULAR)(2019)(Credit System)**

**Time:-3.00 PM To 5.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 06-06-2023	23361	AECC-I ENVIRONMENTAL AWARENESS <b>**Time:-11.00 AM To 1.00 PM</b>
Friday 30-06-2023	23321	AECC-II A LANGUAGE - ENGLISH
	23331	AECC-II B LANGUAGE - MARATHI
	23341	AECC-II C LANGUAGE - HINDI
	23351	AECC-IV E LANGUAGE - SANSKRIT
	23371	AECC-II D LANGUAGE - ARABIC FUNCTIONAL
Saturday 01-07-2023	23131	CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY
Monday 03-07-2023	23132	CH-302 INORGANIC AND ORGANIC CHEMISTRY
Tuesday 04-07-2023	23121	PHY-231 MATHEMATICAL METHODS IN PHYSICS - I
Wednesday 05-07-2023	23151	ZO-231 ANIMAL DIVERSITY III
Thursday 06-07-2023	23152	ZO-232 APPLIED ZOOLOGY I
Friday 07-07-2023	23141	BO-231 TAXONOMY OF ANGIOSPERMS & PLANT ECOLOGY
Saturday 08-07-2023	23142	BO-232 PLANT PHYSIOLOGY
Monday 10-07-2023	23161	GL 211 STRUCTURAL GEOLOGY
	23171	ST 231 DISCRETE PROBABILITY DISTRIBUTIONS AND TIME SERIES
	23201	PAPER - I : PSYCHOLOGY OF ADJUSTMENT
Tuesday 11-07-2023	23111	MT-231 CALCULUS OF SEVERAL VARIABLES
	23241	EVS-231 ECOLOGY & ECOSYSTEM
Wednesday 12-07-2023	23112A	MT-232A NUMERICAL METHODS AND ITS APPLICATIONS
	23112B	MT-232B GRAPH THEORY
	23242	EVS-232 NATURAL RESOURCES CONSERVATION AND MANAGEMENT

**Second YEAR B.SC.(REGULAR)(2019 PATTERN)  
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Thursday 13-07-2023	23162A	GL 212 PRINCIPLES OF STRATIGRAPHY AND SEDIMENTATION
	23162B	GL 212 PALAEOLOGY (2021 Pattern)
	23172	ST 232 CONTINUOUS PROBABILITY DISTRIBUTIONS
	23202	PAPER - II: RESEARCH METHODS IN BEHAVIORAL SCIENCES
	23231	DS201 : SCIENCE,TECHNOLOGY & NATIONAL SECURITY
Friday 14-07-2023	23191	MB 231 MEDICAL MICROBIOLOGY AND IMMUNOLOGY
	23232	DS202 : MILITARY GEOGRAPHY & GEOPOLITICS
Saturday 15-07-2023	23192	MB 232 BACTERIAL PHYSIOLOGY AND FERMENTATION TECHNOLOGY
	23233	DS203 : COTEMPORARY WARFARE
Monday 17-07-2023	23181	GG 231 ENVIRONMENTAL GEOGRAPHY - I
	23261	NS-231 PHYSICAL TECHNIQUES FOR SYNTHESIS OF NANOMATERIALS
Tuesday 18-07-2023	23182	GG 232 GEOGRAPHY OF MAHARASHTRA (PHYSICAL)-I
	23262	NS-232 PROPERTIES OF NANOMATERIALS (PHYSICAL,CHEMICAL,OPTICAL & MAGNETIC)
Wednesday 19-07-2023	23122A	PHY-232 (A) ELECTRONICS I
	23122B	PHY-232 (B) INSTRUMENTATION
Thursday 20-07-2023	23221	EL-231 COMMUNICATION ELECTRONICS
Friday 21-07-2023	23222	EL-232 DIGITAL SYSTEM DESIGN

SEMESTER - III

**VOCATIONAL Paper-III**

**Time:-3.00 PM To 5.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Monday 17-07-2023	23571	VBt-211 CELL BIOLOGY & MICROBIAL GENETICS
	23811	EEM – 231 BASIC LEVEL MAINTENANCE OF SMART PHONE
	23821	IMB 211 BIO-REACTORS-DESIGN & OPERATION
	23871	CHNA-231 OPERATING SYSTEM & DIAGNOSTICS TOOLS
	23891	ST 2.1 HYBRID SEED PRODUCTION



SEMESTER - III

**VOCATIONAL Paper-IV**

**Time:-3.00 PM To 5.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 18-07-2023	23572	VBt-212 MOLECULAR BIOLOGY
	23812	EEM – 232 SMART PHONE BASED ELECTRONIC EQUIPMENT DESIGN
	23822	IMB 212 SCREENING & PROCESS OPTIMIZATION
	23872	CHNA-232 MICROPROCESSOR & INTERFACING - I
	23892	ST 2.2 SEED TESTING

NOTE: -

Note :

1. The Backlog Students of S.Y.B.Sc. 2013 pattern will have to appear for equivalence subject of 2019 pattern.
2. \*\* Please Note the time

Ganeshkhind, Pune - 411 007

**Ref.No/XCT:333**

**Date:04/05/2023**

**Director**

**Board of Examinations And Evaluation**