

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO.105 OF. 2022

THIRD YEAR B.SC.(REGULAR)(2019 PATTERN)(INCLUDING VOC)

Examination of MAR/APR 2022

(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.

BOTANY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35141	BO-351 ALGAE & FUNGI
Friday 22-07-2022	35142	BO-352 ARCHEGONIATE
Saturday 23-07-2022	35143	BO-353 SPERMATOPHYTA & PALEOBOTANY
Tuesday 26-07-2022	35144	BO-354 PLANT ECOLOGY
Thursday 28-07-2022	35145	BO-355 CELL & MOLECULAR BIOLOGY
Saturday 30-07-2022	35146	BO-356 GENETICS
Tuesday 02-08-2022	351410	BO-3510 MEDICINAL BOTONY
Thursday 04-08-2022	351411	BO-3511 PLANT DIVERSITY & HUMAN HEALTH

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36141	BO-361 PLANT PHYSIOLOGY
Monday 25-07-2022	36142	BO-362 BIOCHEMISTRY
Wednesday 27-07-2022	36143	BO-363 PLANT PATHOLOGY
Friday 29-07-2022	36144	BO-364 EVOLUTION & POPULATION GENETICS
Monday 01-08-2022	36145	BO-365 ADVANCED PLANT BIOTECHNOLOGY
Wednesday 03-08-2022	36146	BO-366 PLANT BREEDING & SEED TECHNOLOGY
Friday 05-08-2022	361410	BO-3610 NURSERY & GARDENING MANAGEMENT
Monday 08-08-2022	361411	BO-3611 BIOFERTILIZERS

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

CHEMISTRY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35131	CH-501 PHYSICAL CHEMISTRY -I
Friday 22-07-2022	35132	CH-502 ANALYTICAL CHEMISTRY -I
Saturday 23-07-2022	35134	CH-504 INORGANIC CHEMISTRY -I
Tuesday 26-07-2022	35135	CH-505 INDUSTRIAL CHEMISTRY
Thursday 28-07-2022	35137	CH-507 ORGANIC CHEMISTRY -I
Saturday 30-07-2022	35138	CH-508 CHEMISTRY OF BIOMOLECULES
Tuesday 02-08-2022	351310A	CH-510A INTRODUCTION OF MEDICINAL CHEMISTRY
	351310B	CH-510B POLYMER CHEMISTRY
Thursday 04-08-2022	351311A	CH-511A ENVIRONMENTAL CHEMISTRY
	351311B	CH-511B CHEMO INFORMATICS

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36131	CH-601 PHYSICAL CHEMISTRY -II
Monday 25-07-2022	36132	CH-602 PHYSICAL CHEMISTRY -III
Wednesday 27-07-2022	36134	CH-604 INORGANIC CHEMISTRY -II
Friday 29-07-2022	36135	CH-605 INORGANIC CHEMISTRY -III
Monday 01-08-2022	36137	CH-607 ORGANIC CHEMISTRY -II
Wednesday 03-08-2022	36138	CH-608 ORGANIC CHEMISTRY -III
Friday 05-08-2022	361310A	CH-610A CHEMISTRY OF SOIL AND AGROCHEMICALS
	361310B	CH-610B INTRODUCTION OF FORENSIC CHEMISTRY
Monday 08-08-2022	361311A	CH-611A ANALYTICAL CHEMISTRY -II
	361311B	CH-611B CHEMISTRY OF COSMETICS & PERFUMES

DEFENCE STUDIES

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35231	DS501 STUDY OF DISASTER
Friday 22-07-2022	35232	DS502 UNITED NATIONS ORGANIZATION PART -I
Saturday 23-07-2022	35233	DS503 INTERNATIONAL RELATIONS PART -I
Tuesday 26-07-2022	35234	DS504 TERRORISM
Thursday 28-07-2022	35235	DS505 RESEARCH METHODOLOGY
Saturday 30-07-2022	35236A	DS506A MAJOR GLOBAL CONFLICT -I
	35236B	DS506B REGIONAL SECURITY SYSTEM -I
Tuesday 02-08-2022	35237A	DS507A INDIA'S MARITIME SECURITY -I
	35237B	DS507B PEACE & CONFLICT STUDIES -I
Thursday 04-08-2022	35238A	DS508A CHHATRAPATI SHIVAJI MAHARAJ MILITARY SYSTEM
	35238B	DS508B CHHATRAPATI SHIVAJI MAHARAJ AS STRATEGIC THINKER
Saturday 06-08-2022	35239A	DS509A WORLD MILITARY HISTORY (1900-1945)
	35239B	DS509B INDIA'S FOREIGN POLICY
Saturday 13-08-2022	352310	DS510 INTRODUCTION TO HUMAN RIGHTS AND DUTIES
Wednesday 17-08-2022	352311	DS511 HUMAN RIGHTS AND UN

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

Defence Studies

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36231	DS601 : ARMED FORCES AND DISASTER MANAGEMENT
Monday 25-07-2022	36232	DS602 : UNITED NATION ORGANIZATION PART -II
Wednesday 27-07-2022	36233	DS603 : INTERNATIONAL RELATION PART -II
Friday 29-07-2022	36234	DS604 : COUNTER TERRORISM
Monday 01-08-2022	36236A	DS606A: MAJOR GLOBAL CONFLICT -II
	36236B	DS606B: REGIONAL SECURITY SYSTEM -II
Wednesday 03-08-2022	36237A	DS607A: INDIA'S MARITIME SECURITY -II
	36237B	DS607B: PEACE & CONFLICT STUDIES -II
Friday 05-08-2022	36238A	DS608A: INDIAN MILITARY HISTORY (1947-2020)
	36238B	DS608B: BRITISH INDIAN MILITARY HISTORY
Monday 08-08-2022	36239A	DS609A: COLD WAR AND POST COLD WAR (1945-1991)
	36239B	DS609B: INDIA'S DEFENCE POLICY
Wednesday 10-08-2022	362310	DS610 : INTRODUCTION TO CYBER SECURITY /INFORMATION SECURITY
Friday 12-08-2022	362311	DS611 : HUMAN RIGHTS AND INDIA

ELECTRONIC SCIENCE

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35221	EL-351 DIGITAL DESIGN USING VERILOG
Friday 22-07-2022	35222	EL-352 MICROCONTROLLER ARCHITECTURE & PROGRAMMING
Saturday 23-07-2022	35223	EL-353 ANALOG CIRCUIT DESIGN & APPLICATIONS
Tuesday 26-07-2022	35224	EL-354 NANOELECTRONICS
Thursday 28-07-2022	35225	EL-355 SIGNALS & SYSTEMS
Saturday 30-07-2022	35226A	EL-356A OPTICS & FIBER OPTIC COMMUNICATION
	35226B	EL-356B ELECTRONIC PRODUCT DESIGN & ENTREPRENEURSHIP
Tuesday 02-08-2022	352210	ELSEC-351 ELECTRONIC DESIGN AUTOMATION TOOLS
Thursday 04-08-2022	352211	ELSEC-352 INTERNET OF THINGS & APPLICATIONS

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

Electronic Science

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36221	EL-361 MODERN COMMUNICATION SYSTEMS
Monday 25-07-2022	36222	EL-362 EMBEDDED SYSTEM DESIGN USING MICROCONTROLLERS
Wednesday 27-07-2022	36223	EL-363 INDUSTRIAL ELECTRONICS
Friday 29-07-2022	36224	EL-364 MANUFACTURING PROCESSES FOR ELECTRONICS
Monday 01-08-2022	36225	EL-365 PROCESS CONTROL SYSTEMS
Wednesday 03-08-2022	36226A	EL-366A PLC SCADA
	36226B	EL-366B SENSORS AND SYSTEMS
Friday 05-08-2022	362210	ELSEC-361 DESIGN AND FABRICATION OF PCB
Monday 08-08-2022	362211	ELSEC-362 MOBILE APPLICATION DEVELOPMENT

ENVIRONMENTAL SCIENCE

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35241	EVS-301 TERRESTRIAL ECOSYSTEM & MANAGEMENT
Friday 22-07-2022	35242	EVS-302 WILDLIFE BIOLOGY & MANAGEMENT
Saturday 23-07-2022	35243	EVS-303 WATER & SOIL QUALITY
Tuesday 26-07-2022	35244	EVS-304 ATMOSPHERIC & GLOBAL CLIMATE CHANGE
Thursday 28-07-2022	35245	EVS-305 ENVIRONMENTAL LEGISLATION & POLICY
Saturday 30-07-2022	35246	EVS-306 ENVIRONMENTAL BIOTECHNOLOGY -I
Tuesday 02-08-2022	352410	EVS-3011 REMOTE SENSING, GIS & MODELING
Thursday 04-08-2022	352411	EVS-3012 SOIL HEALTH MANAGEMENT

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36241	EVS-301 AQUATIC ECOSYSTEM AND MANAGEMENT
Monday 25-07-2022	36242	EVS-302 NATURE CONSERVATION
Wednesday 27-07-2022	36243	EVS-303 AIR & NOISE QUALITY
Friday 29-07-2022	36244	EVS-304 ISSUES IN ENVIRONMENTAL SCIENCE
Monday 01-08-2022	36245	EVS-305 ENVIRONMENTAL GOVERNANCE : EMS,EIA & ISO 14000
Wednesday 03-08-2022	36246	EVS-306 ENVIRONMENTAL BIOTECHNOLOGY -II
Friday 05-08-2022	362410	EVS-3013 SOLID WASTE MANAGEMENT
Monday 08-08-2022	362411	EVS-3014 URBAN ECOSYSTEM

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

GEOGRAPHY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35181	GG 351 REGIONAL GEOGRAPHY OF INDIA -I
Friday 22-07-2022	35182	GG 352 GEOGRAPHY OF ECONOMIC ACTIVITIES -I
Saturday 23-07-2022	35183	GG 353 FUNDAMENTALS OF TOURISM
Tuesday 26-07-2022	35184	GG 354 GEOGRAPHY OF SOIL -I
Thursday 28-07-2022	35185	GG 355 MANAGEMENT OF NATURAL DISASTERS
Saturday 30-07-2022	35186	GG 356 GEOINFORMATICS -I
Tuesday 02-08-2022	351810	GG 3510 RESEARCH METHODOLOGY -I
Thursday 04-08-2022	351811	GG 3511 ELEMENTARY SURVEYING

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36181	GG 361 REGIONAL GEOGRAPHY OF INDIA -II
Monday 25-07-2022	36182	GG 362 GEOGRAPHY OF ECONOMIC ACTIVITIES -II
Wednesday 27-07-2022	36183	GG 363 TOURISM ACTIVITIES & MANAGEMENT
Friday 29-07-2022	36184	GG 364 GEOGRAPHY OF SOIL -II
Monday 01-08-2022	36185	GG 365 MANAGEMENT OF MANMADE DISASTERS
Wednesday 03-08-2022	36186	GG 366 GEOINFORMATICS -II
Friday 05-08-2022	361810	GG 3610 RESEARCH METHODOLOGY -II
Monday 08-08-2022	361811	GG 3611 TOTAL STATION SURVEYING

GEOLOGY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35161	GL 311 GEOLOGY OF INDIA -I
Friday 22-07-2022	35162	GL 312 MINERAL RESOURCES
Saturday 23-07-2022	35163	GL 313 MARINE GEOLOGY
Tuesday 26-07-2022	35164	GL 314 ENGINEERING GEOLOGY
Thursday 28-07-2022	35165	GL 315 HYDROGEOLOGY
Saturday 30-07-2022	35166	GL 316 APPLIED GEOPHYSICS
Tuesday 02-08-2022	351610	SEC I GEOTECHNOLOGY
Thursday 04-08-2022	351611	SEC II GEMMOLOGY & GEM TESTING

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36161	GL 321 GEOLOGY OF INDIA -II
Monday 25-07-2022	36162	GL 322 MINING & MINERAL EXPLORATION
Wednesday 27-07-2022	36163	GL 323 OCEANOGRAPHY
Friday 29-07-2022	36164	GL 324 PETROLEUM GEOLOGY
Monday 01-08-2022	36165	GL 325 CLIMATE CHANGE: PAST,PRESENT AND FUTURE
Wednesday 03-08-2022	36166	GL 326 GEOLOGICAL FIELD METHODS AND MAPPING
Friday 05-08-2022	361610	SEC III APPLICATIONS OF REMOTE SENSING IN GEOSCIENCES
Monday 08-08-2022	361611	SEC IV OIL FIELD SERVICES
Wednesday 10-08-2022	361612	SEC V WATERSHED DEVELOPMENT

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

MATHEMATICS

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35111	MT-351 METRIC SPACES
Friday 22-07-2022	35112	MT-352 REAL ANALYSIS -I
Saturday 23-07-2022	35113	MT-353 GROUP THEORY
Tuesday 26-07-2022	35114	MT-354 ORDINARY DIFFERENTIAL EQUATIONS
Thursday 28-07-2022	35115A	MT-355A OPERATIONS RESEARCH
	35115B	MT-355B DIFFERENTIAL GEOMETRY
	35115C	MT-355C C-PROGRAMMING
Saturday 30-07-2022	35116B	MT-356B NUMBER THEORY
	35116C	MT-356C LAPLACE TRANSFORM & FOURIER SERIES

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36111	MT-361 COMPLEX ANALYSIS
Monday 25-07-2022	36112	MT-362 REAL ANALYSIS -II
Wednesday 27-07-2022	36113	MT-363 RING THEORY
Friday 29-07-2022	36114	MT-364 PARTIAL DIFFERENTIAL EQUATIONS
Monday 01-08-2022	36115A	MT-365A OPTIMIZATION TECHNIQUES
	36115B	MT-365B CALCULUS OF VARIATION & CLASSICAL MECHANICS
	36115C	MT-365C FINANCIAL MATHEMATICS
Wednesday 03-08-2022	36116B	MT-366B COMPUTATIONAL GEOMETRY
	36116C	MT-366C LEBESGUE INTEGRATION

MICROBIOLOGY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35191	MB 351 MEDICAL MICROBIOLOGY -I
Friday 22-07-2022	35192	MB 352 IMMUNOLOGY -I
Saturday 23-07-2022	35193	MB 353 ENZYMOLOGY
Tuesday 26-07-2022	35194	MB 354 GENETICS
Thursday 28-07-2022	35195	MB 355 FERMENTATION TECHNOLOGY -I
Saturday 30-07-2022	35196	MB 356 AGRICULTURAL MICROBIOLOGY
Tuesday 02-08-2022	351910	MB 3510 MARINE MICROBIOLOGY
Thursday 04-08-2022	351911	MB 3511 DAIRY MICROBIOLOGY

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36191	MB 361 MEDICAL MICROBIOLOGY -II
Monday 25-07-2022	36192	MB 362 IMMUNOLOGY -II
Wednesday 27-07-2022	36193	MB 363 METABOLISM
Friday 29-07-2022	36194	MB 364 MOLECULAR BIOLOGY
Monday 01-08-2022	36195	MB 365 FERMENTATION TECHNOLOGY -II
Wednesday 03-08-2022	36196	MB 366 FOOD MICROBIOLOGY
Friday 05-08-2022	361910	MB 3610 WASTE MANAGEMENT
Monday 08-08-2022	361911	MB 3611 NANO BIOTECHNOLOGY

NANOSCIENCE

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35261	NS-351 POLYMER & COMPOSITES
Friday 22-07-2022	35262	NS-352 NANOPHYSICS
Saturday 23-07-2022	35263	NS-353 NANOBIO TECHNOLOGY
Tuesday 26-07-2022	35264	NS-354 CARBON BASED NANOMATERIALS
Thursday 28-07-2022	35265	NS-355 ENERGY CONVERSION DEVICES & APPLICATIONS
Saturday 30-07-2022	35266	NS-356 ELECTIVE I (ENVIRONMENTAL NANOTECHNOLOGY & APPLICATIONS)
Tuesday 02-08-2022	352610	NS-3510 BASIC INSTRUMENTATION SKILL
Thursday 04-08-2022	352611	NS-3511 C PROGRAMMING

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36261	NS-361 POLYMER HETERO-STRUCTURE & THEIR APPLICATIONS
Monday 25-07-2022	36262	NS-362 FUNCTIONAL NANOMATERIALS
Wednesday 27-07-2022	36263	NS-363 APPLICATIONS OF NANOBIO TECHNOLOGY
Friday 29-07-2022	36264	NS-364 NANOELECTRONICS
Monday 01-08-2022	36265	NS-365 ENERGY STORAGE DEVICES & APPLICATIONS
Wednesday 03-08-2022	36266	NS-366 ELECTIVE II (PHOTO CATALYSIS FOR ENVIRONMENTAL POLLUTION CONTROL)
Friday 05-08-2022	362610	NS-3610 DATA ANALYSIS & COMPUTER APPLICATION
Monday 08-08-2022	362611	NS-3611 RENEWABLE ENERGY AND ENERGY HARVESTING

PHYSICS

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35121	PHY-351 MATHEMATICAL METHODS IN PHYSICS -II
Friday 22-07-2022	35122	PHY-352 ELECTRODYNAMICS
Saturday 23-07-2022	35123	PHY-353 CLASSICAL MECHANICS
Tuesday 26-07-2022	35124	PHY-354 ATOMIC & MOLECULAR PHYSICS
Thursday 28-07-2022	35125	PHY-355 COMPUTATIONAL PHYSICS
Saturday 30-07-2022	35126A	PHY-356 A ASTRONOMY & ASTROPHYSICS -I
	35126B	PHY-356 B ELEMENTS OF MATERIALS SCIENCE
	35126C	PHY-356 C BIOPHYSICS
	35126D	PHY-356 D RENEWABLE ENERGY SOURCES -I
	35126E	PHY-356 E APPLIED OPTICS
	35126F	PHY-356 F C# PROGRAMMING
	35126G	PHY-356 G ACOUSTICS - I
Tuesday 02-08-2022	351210H	PHY-3510H PYTHON PROGRAMMING
	351210I	PHY-3510I ENERGY STUDIES
	351210J	PHY-3510J INTRODUCTION TO ARDUINO
	351210K	PHY-3510K SENSORS & TRANSDUCER
Thursday 04-08-2022	351211L	PHY-3511L PHYSICS WORKSHOP SKILL
	351211M	PHY-3511M BIOMEDICAL INSTRUMENTATION
	351211N	PHY-3511N NON-DESTRUCTIVE TESTING TECHNIQUES
	351211O	PHY-3511O ACOUSTICS APPLICATIONS

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36121	PHY-361 SOLID STATE PHYSICS
Monday 25-07-2022	36122	PHY-362 QUANTUM MECHANICS
Wednesday 27-07-2022	36123	PHY-363 THERMODYNAMICS AND STATISTICAL PHYSICS
Friday 29-07-2022	36124	PHY-364 NUCLEAR PHYSICS
Monday 01-08-2022	36125A	PHY-365A ELECTRONICS-II
	36125B	PHY-365B ADVANCED ELECTRONICS
Wednesday 03-08-2022	36126P	PHY-366P MEDICAL ELECTRONICS
	36126Q	PHY-366Q PHYSICS OF NANOMATERIALS
	36126R	PHY-366R MICROCONTROLLERS
	36126S	PHY-366S LASERS
	36126T	PHY-366T ASTRONOMY & ASTROPHYSICS-II
	36126U	PHY-366U RENEWABLE ENERGY SOURCES-II
	36126V	PHY-366V ACOUSTICS II
Friday 05-08-2022	361210W	PHY-3610W SCIENTIFIC DATA ANALYSIS USING PYTHON
	361210X	PHY-3610X SOLAR PV SYSTEM: INSTALLATION,REPAIRING & MAINTENANCE
	361210Y	PHY-3610Y APPLICATIONS OF INTERNET OF THINGS (IOT)
	361210Z	PHY-3610Z CALIBRATION TECHNIQUES
Monday 08-08-2022	361211AA	PHY-3611(AA) MICROCONTROLLERS
	361211AB	PHY-3611(AB) INSTRUMENTATION FOR AGRICULTURE
	361211AC	PHY-3611(AC) RADIATION PHYSICS
	361211AD	PHY-3611(AD) PHOTOGRAPHY

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

PSYCHOLOGY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35201	PAPER - I : COGNITIVE PSYCHOLOGY
Friday 22-07-2022	35202	PAPER - II : PSYCHOPATHOLOGY -I
Saturday 23-07-2022	35203	PAPER - III : STATISTICAL METHODS
Tuesday 26-07-2022	35204	PAPER – IV : ORGANIZATIONAL BEHAVIOR
Thursday 28-07-2022	35205	PAPER - V : POSITIVE PSYCHOLOGY
Saturday 30-07-2022	35206	PAPER - VI : COUNSELING PSYCHOLOGY
Tuesday 02-08-2022	352010	SEC - I : BASIC COUNSELING SKILLS
Thursday 04-08-2022	352011	SEC – II : PERSONALITY DEVELOPMENT

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36201	PAPER- I : PERSONALITY THEORIES
Monday 25-07-2022	36202	PAPER - II : PSYCHOPATHOLOGY -II
Wednesday 27-07-2022	36203	PAPER - III: EDUCATIONAL PSYCHOLOGY
Friday 29-07-2022	36204	PAPER - IV : HUMAN RESOURCE MANAGEMENT
Monday 01-08-2022	36205	PAPER - V : REHABILITATION PSYCHOLOGY
Wednesday 03-08-2022	36206	PAPER - VI : PSYCHOTHERAPIES
Friday 05-08-2022	362010	SEC - I : BASIC THERAPEUTIC SKILLS
Monday 08-08-2022	362011	SEC – II : SOFT SKILLS

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

STATISTICS

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35171	ST 351 DISTRIBUTION THEORY -I
Friday 22-07-2022	35172	ST 352 THEORY OF ESTIMATION
Saturday 23-07-2022	35173	ST 353 DESIGN & ANALYSIS OF EXPERIMENTS
Tuesday 26-07-2022	35174	ST 354 STATISTICAL PROCESS & PRODUCT CONTROL
Thursday 28-07-2022	35175	ST 355 OPERATIONS RESEARCH -I
Saturday 30-07-2022	35176	ST 356 REGRESSION ANALYSIS

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36171	ST 361 DISTRIBUTION THEORY -II
Monday 25-07-2022	36172	ST 362 TESTING OF HYPOTHESIS
Wednesday 27-07-2022	36173	ST 363 SAMPLING THEORY
Friday 29-07-2022	36174	ST 364 INTRODUCTION TO SURVIVAL ANALYSIS
Monday 01-08-2022	36175	ST 365A ACTUARIAL STATISTICS
	36176	ST 365B OPERATIONS RESEARCH -II
Wednesday 03-08-2022	36177	ST 366A STOCHASTIC PROCESSES
	36178	ST 366B RELIABILITY THEORY & APPLICATIONS
	36179	ST 366C MEDICAL STATISTICS & CLINICAL TRIALS

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

Vocational P-V

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Saturday 06-08-2022	358210	IMB 3510 PLANT TISSUE CULTURE
Wednesday 10-08-2022	35825	IMB 355 APPLICATIONS OF MICROBIAL SYSTEMS
	35571	VBt-311 ANIMAL & PLANT TISSUE CULTURE
	35891	ST 3.1 SEED PATHOLOGY & ENTOMOLOGY
	35811	VOC-EEM – 355 TROUBLE SHOOTING AND REPAIR OF AUDIO & VIDEO EQUIPMENT

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Saturday 13-08-2022	368210	IMB 3610 INTRODUCTION TO BIOINFORMATICS
Wednesday 17-08-2022	36825	IMB 365 BIOENTREPRENURSHIP & IPR
	36571	VBt-321 BIOTECHNOLOGY IN AGRICULTURE & ENVIRONMENT
	36891	ST 3.4 SEED FARM MANAGEMANT, PROCESSING & STORAGE
	36811	VOC-EEM – 365 ENTREPRENEURSHIP DEVELOPMENT

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

Vocational P-VI

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Friday 12-08-2022	35826	IMB 356 CELL CULTURE TECHNOLOGY
	35572	VBt-312 INDUSTRIAL BIOTECHNOLOGY
	35892	ST 3.2 ENTREPRENEURSHIP DEVELOPMENT
	35812	VOC-EEM - 356ELECTRONIC INSTRUMENTATION

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Friday 19-08-2022	36826	IMB 366 RECOMBINANT DNA TECHNOLOGY
	36572	VBt-322 SECTION I-BIO-ENTREPRENEURSHIP SECTION II-BIOTECHNOLOGY FOR HEALTH
	36892	ST 3.5 BIOTECHNOLOGY AND INTELLECTUAL PROPERTY RIGHTS
	36812	VOC-EEM - 366 MEDICAL INSTRUMENTATION

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

ZOOLOGY

SEMESTER - V

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 21-07-2022	35151	ZO-351 PEST MANAGEMENT
Friday 22-07-2022	35152	ZO-352 HISTOLOGY
Saturday 23-07-2022	35153	ZO-353 BIOLOGICAL CHEMISTRY
Tuesday 26-07-2022	35154	ZO-354 GENETICS
Thursday 28-07-2022	35155	ZO-355 DEVELOPMENTAL BIOLOGY
Saturday 30-07-2022	35156	ZO-356 PARASITOLOGY
Tuesday 02-08-2022	351510	ZO-3510 AQUARIUM MANAGEMENT
Thursday 04-08-2022	351511	ZO-3511 POULTRY MANAGEMENT

SEMESTER - VI

Time:- 9.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Wednesday 20-07-2022	36151	ZO-361 MEDICAL & FORENSIC ZOOLOGY
Monday 25-07-2022	36152	ZO-362 ANIMAL PHYSIOLOGY
Wednesday 27-07-2022	36153	ZO-363 MOLECULAR BIOLOGY
Friday 29-07-2022	36154	ZO-364 ENTOMOLOGY
Monday 01-08-2022	36155	ZO-365 TECHNIQUES IN BIOLOGY
Wednesday 03-08-2022	36156	ZO-366 EVOLUTIONARY BIOLOGY
Friday 05-08-2022	361510	ZO-3610 ENVIRONMENTAL IMPACT ASSESSMENT

**THIRD YEAR B.SC.(REGULAR)(2019
PATTERN)(INCLUDING VOC)
/105/F-2022**

NOTE: -

1. The Backlog Students of T.Y.B.Sc. (Regular) 2013 pattern will have to appear for equivalence subject of 2019 pattern.
2. Additional 15 minutes per hour to each paper

Ganeshkhind, Pune - 411 007

Ref.No/XCT:340

Date:08/07/2022

Director

Board of Examinations And Evaluation