

# SHIVAJI UNIVERSITY, KOLHAPUR

## Circular No . 847 Exam

### THE FINAL PROGRAMME

Final Programme of the **M.Phil. / Pre.Ph.D.** Examination to held in **October. 2017.**

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University /College mentioned below at least Two days before the date of Examination. The candidate should write correct Seat No. on each answer book. If candidate writes, wrong, Seat No. on answer book the performance of such subject will not be considered.

2. Candidates are requested to be present at their respective places of Examination **FIFTEEN MINUTES** before the time of starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.

3. The Examination Centre: 1) Humanities Building, Shivaji University, Kolhapur,

2) Concern University Department

4. The written examination will be conducted in the following order

### M.Phil. / Pre.Ph.D. New Syllabus

M. Phil. / Pre. Ph. D. New Syllabus Paper					
Faculty Of Arts					
Time – 11.00a.m to 2.00p.m					
SR NO	SUBJECT	PAPER NO	PAPER NAME	DAY&DATE	CODE NO
	1) Paper I-Research Methodology(Theory) (Marathi)			Tuesday 10/10/2017	65146
	Marathi(Revised)	2)	साहित्य आणि इतर सामाजिक शास्त्रे	Wednesday 11/10/2017	65147
		3A)	मध्ययुगीन साहित्य : प्रेरणा आणि स्वरूप	Thursday 12/10/2017	65148
		3 B)	एकोणिसावे शतक:समाज,संस्कृती आणि साहित्य :प्रेरणा आणि स्तित्यंतरे		65149
		3 C)	आधुनिक साहित्य : प्रेरणा आणि स्वरूप		65150
1	1) Paper I-Research Methodology (Theory) (Marathi)			Tuesday 10/10/2017	54420
	Marathi	2)	साहित्याभ्यासातील आधुनिक प्रवाह	Wednesday 11/10/2017	54864
		3 A)	प्राचीन मराठी साहित्य : प्रेरणा व स्वरूप	Thursday 12/10/2017	54421
		3 B)	स्वातंत्र्यपूर्व मराठी साहित्य : प्रेरणा व स्वरूप		54422
		3 C)	स्वातंत्र्यानंतरचे मराठी साहित्य : प्रेरणा व स्वरूप		54423

2	<b>1) Language Common Paper I-Research Methodology (Theory) (English, Hindi, Sanskrit and Urdu)</b>			Tuesday 10/10/2017	54420
	Hindi	2	हिंदी साहित्य अध्ययन के अधुनातन आयाम	Wednesday 11/10/2017	54424
		3 A)	प्राचीन एवं मध्ययुगीन काव्य	Thursday 12/10/2017	54425
		3 B)	आधुनिक हिंदी कविता		54426
		3 C)	राजभाषा हिंदी		54427
		3 D)	उपन्यास विधा		54428
		3 E)	कहानी विधा		54429
		3 F)	नाटक विधा		54430
3 G)		कथेतर साहित्य	54431		
3	English	2	Recent Trends in English Studies		Wednesday 11/10/2017
		3 A)	Modern British Literature (1900-2000)	Thursday 12/10/2017	54433
		3 B)	Modern American Literature (1900-2000)		54434
		3 C)	Applied Linguistics and Second Language Teaching		54435
		3 D)	New Literatures in English		54436
4	Sanskrit	2	संस्कृत अध्ययनातील आधुनिक प्रवाह	Will Be Declared Later	54437
		3 A)	संस्कृत साहित्याचा इतिहास (वैदिक काल)	Will Be Declared Later	54438
		3 B)	संस्कृत साहित्याचा इतिहास (अभिजात वाङ्मय)		54439
		3 C)	अर्वाचीन संस्कृत साहित्य (इ. स.17 व्या शतकापासून पुढे)		54440
		3 D)	संस्कृतातील ज्ञानविज्ञान व तंत्रशास्त्र		54441
5	Urdu	2	Recent Trends in Urdu - Urdu ke Asari Rujhanat	Wednesday 11/10/2017	54442
		3 A)	URDU FICTION.	Thursday 12/10/2017	54443
		3 B)	URDU GHAIK AFSANAVI ADAB.		54444
		3 C)	JADEED URDU SHAIERY.		54445
6	Music	1	संशोधन पध्दती (Research Methdology)	Tuesday 10/10/2017	54446
		2	संगीत व इतर विद्याशाखा परस्परसंबंध (Interdisciplinary Subjects)	Wednesday 11/10/2017	54447
		3	बुजुर्ग कलाकारांचा अभ्यास – गायक किंवा वादक	Thursday 12/10/2017	54448
7	Dramatics	1	संशोधन पध्दती (Research Methdology)	Tuesday 10/10/2017	54449
		2	नाटयशास्त्र वा इतर विद्याशाखा परस्पर संबंध	Wednesday 11/10/2017	54450
		3 A)	दिग्दर्शन	Thursday 12/10/2017	61738
		3 B)	अभिनय		61739

**M. Phil. / Pre. Ph. D. New Syllabus Paper**

**Faculty of Social Science**

Time – 11.00a.m to 2.00p.m

SR. NO.	SUBJECT	PAPER NO.	PAPER NAME	DATE	CODE NO.
		1	<b>Research Methodology Quantitative Techniques, and Computer Application. Compulsory Paper - COMMON SYLLABUS FOR SOCIAL SCIENCES (ECONOMICS, SOCIOLOGY, POLITICAL SCIENCE, JOURNALISM, MASS COMMUNICATION), COMMERCE AND MANAGEMENT, EDUCATION, LAW, AND WOMEN STUDIES</b>	Tuesday 10/10/2017	54454
9	Economics	2	ADVANCED THEORIES IN ECONOMICS	Wednesday 11/10/2017	54455
		3 A)	ECONOMICS OF AGRICULTURE AND CO-OPERATION	Thursday 12/10/2017	54456
		3 B)	DEMOGRAPHY AND GENDER STUDIES		54457
		3 C)	ENVIRONMENTAL AND RESOURCE ECONOMICS		54458
		3 D)	ECONOMICS OF INDUSTRY & LABOUR		54459
		3 E)	INTERNATIONAL TRADE AND FINANCE		54460
		3 F)	ECONOMICS OF MONEY, BANKING AND FINANCIAL INSTITUTIONS		54461
		3 G)	PUBLIC ECONOMICS		54462
		3 H)	REGIONAL ECONOMICS		54463
10	History	2	Recent Trends in History		Will Be Declared Later
		3 A)	Ancient Indian History Up to 1000 A.D.	Will Be Declared Later	54465
		3 B)	Medieval India 1000 A.D.-1757A.D.		54466
		3 C)	Maratha History		54467
		3 D)	Modern India		54468
11	Political Science	2	Recent Trends in Political Science		Wednesday 11/10/2017
		3 A	Studies in Indian Politics	Thursday 12/10/2017	54470
		3 B	Advances in Public Administration		54471
		3 C	Modern Political Analysis		54472
12	Sociology	2	RECENT TRENDS IN SOCIOLOGICAL THEORY	Wednesday 11/10/2017	54473
		3 A)	INDUSTRY AND SOCIETY	Thursday 12/10/2017	54474
		3 B)	INDIAN SOCIETY : POVERTY AND SOCIAL INEQUALITIES		54475
		3 C)	ENVIRONMENTAL SOCIOLOGY		54476
		3 D)	SOCIOLOGY OF MASS COMMUNICATION AND INFORMATION SOCIETY		54477
		3 E)	SOCIAL DEMOGRAPHY		54478
		3 F)	SOCIOLOGY OF MIGRATION		54479
		3 G)	SOCIAL MOVEMENT IN INDIA		54480
		3 H)	GENDER AND SOCIETY		54481

13	Psychology	2	Recent Trends in Psychology	Will Be Declared Later	54482
		3 A	COUNSELLING PSYCHOLOGY	Will Be Declared Later	54483
		3 B	CLINICAL PSYCHOLOGY		54484
		3 C	INDUSTRIAL PSYCHOLOGY		54485
14	Social Work	2	PRINCIPLES AND PRACTICE OF SOCIAL WORK	Will Be Declared Later	54486
		3 A)	HUMAN RESOURCE MANAGEMENT AND LABOUR WELFARE	Will Be Declared Later	54487
		3 B)	COMMUNITY DEVELOPMENT		54488
		3 C)	MEDICAL AND PSYCHIATRIC SOCIAL WORK		54489
		3 D)	FAMILY AND CHILD WELFARE		54490
		3 E)	CRIMINOLOGY AND CORRECTIONAL ADMINISTRATION		54491
15	Philosophy	2	Recent Trends in Philosophy	Wednesday 11/10/2017	54492
		3 A)	Modern Topics in Philosophy	Thursday 12/10/2017	54493
		3 B)	Advanced Development in Philosophy		54494
		3 C)	Anasakti Yoga : By M. K. Gandhi		54495
16	Library & Information Science	2	RECENT TRENDS IN LIBRARY AND INFORMATION SCIENCE	Wednesday 11/10/2017	54496
		3 A)	MANAGEMENT OF ACADAMEC LIBRARY SYSTEM	Thursday 12/10/2017	54497
		3 B)	MANAGEMENT OF SPECIAL LIBRARY SYSTEM.		54498
		3 C)	MANAGEMENT OF PUBLIC LIBRARY SYSTEM		54499
17	Mass Communication	2	Mass Communication Theory	Wednesday 11/10/2017	54500
		3	Advances in Media Studies	Thursday 12/10/2017	54501
18	Commerce & Management	2 A)	RECENT TRENDS IN COMMERCE & MANAGEMENT	Wednesday 11/10/2017	54502
		2 B)	Recent Trends in Information Technology		54503
		3 A)	Marketing Management	Thursday 12/10/2017	54504
		3 B)	Financial Management		54505
		3 C)	Human Resource Management		54506
		3 D)	Cooperative Management		54507
		3 E)	Industrial Structure of India		54508
		3 F)	Indian Economic Environment		54509
		3 G)	Applied Statistics and Quantitative Techniques		54510
		3 H)	Taxation of India		54511
		3 I)	Management Accounting		54512
		3 J)	Advanced Cost Accountancy		54513
		3 K)	Business Administration		54514
		3 L)	Organization of Trade and Logistic Management		54515
		3 M)	International Business		54516
		3 N)	System Management		54517
3 O)	Strategic Management	54518			
3 P)	Computer Application	61749			

<b>M. Phil. / Pre. Ph. D. New Syllabus Paper</b>					
<b>Faculty of Social Science</b>					
<b>Time – 11.00a.m to 2.00p.m</b>					
19	Education	2	RECENT TRENDS AND ADVANCES IN EDUCATION	Wednesday 11/10/2017	54520
		3 A)	Special Field in Education: Educational Management	Thursday 12/10/2017	54521
		3 B)	Special Field in Education: Educational Psychology		54522
		3 C)	Special Field in Education : Environmental Education		54523
		3 D)	Special Field in Education : Information Technology and Educational Technology		54524
		3 E)	Special Fields in Education : Teacher Education		54525
20	Physical Education	1	Research In Physical Education & Sports	Tuesday 10/10/2017	54526
		2	Recent Trends in Physical Education and Sports	Wednesday 11/10/2017	54527
		3 A)	Sports Medicine	Thursday 12/10/2017	54528
		3 B)	Sports Physiology		54529
		3 C)	Psychology of Sports		54530
		3 D)	Yoga and Sports Science		54531
		3 E)	Scientific Approach to Techniques in Advance coaching and Training		54532
		3 F)	Tests, Measurement and Evaluation in Physical Education and sports sciences		54533
21	Journalism & Communication Science	1	Research Methodology	Tuesday 10/10/2017	58380
		2	Advances in Communication and Mass Communication Theories	Wednesday 11/10/2017	58381
		3 A)	Development Communication	Thursday 12/10/2017	58382
		3 B)	Print Media		58383
		3 C)	Electronic Media (Radio & Television)		58384
		3 D)	Film Studies		58385
		3 E)	Public relations and advertising		58386
		3 F)	ICT (Information & Communication Technology) and New Media		58387

<b>M. Phil. / Pre. Ph. D. New Syllabus Paper</b>					
<b>Faculty of Science</b>					
<b>Time – 11.00a.m to 2.00p.m</b>					
<b>SR. NO.</b>	<b>SUBJECT</b>	<b>PAPER NO.</b>	<b>PAPER NAME</b>	<b>DATE</b>	<b>CODE NO.</b>
22	<b>AGPM</b>	1	Research Methodology in Agrochemicals and Pest Management	Tuesday 10/10/2017	54534
		2	Recent Trends in Agrochemicals and Pest Management	Wednesday 11/10/2017	54535
		3 A)	Recent advances in Agro chemistry.	Thursday 12/10/2017	54536
		3 B)	Recent Advances in Pest Management		54537
		3 C)	Recent Advances in plant protection.		54538
23	<b>Botany</b>	1	Research Methodology in Botany	Tuesday 10/10/2017	54539
		2	Recent Trends in Botany	Wednesday 11/10/2017	54540
		3 A)	Recent Advances in Plant Physiology	Thursday 12/10/2017	54541
		3 B)	Recent Advances in Mycology and Plant Pathology		54542
		3 C)	A Recent Advances in plant Protection		54543
		3 D)	TAXONOMY, BIODIVERSITY AND CONSERVATION		54544
		3 E)	Recent Advance in Plant Ecology		54545
		3 F)	RECENT ADVANCES IN MARINE BOTANY		54546
		3 G)	Recent Trends in Biotechnology		54547
		3 H)	Recent Advances in Bryology and Pteridology		58352
		3 I)	Cytogenetics and Plant Breeding		65198
3J)	Recent Advances in Phycology	65758			
24	<b>Food- Science</b>	1	Research methodology and scientific report writing	Tuesday 10/10/2017	54658
		2	Recent trends in food processing and preservation	Wednesday 11/10/2017	54659
		3 A)	Advances in Food Science and Nutrition	Thursday 12/10/2017	54660
		3 B)	Advances in Food Bio-technology		54661
25	<b>Chemistry</b>	1	Research Methodology and Computer Applications in Chemistry	Tuesday 10/10/2017	54548
		2	Recent Trends in Chemistry	Wednesday 11/10/2017	54549
		3 A)	Selected Topics in Organic Chemistry	Thursday 12/10/2017	54550
		3 B)	Selected Topics in Inorganic Chemistry		54551
		3 C)	Selected Topics in Physical Chemistry		54552
26	<b>Geology</b>	1	Research methodology	Tuesday 10/10/2017	54553
		2	Recent trends in Geology	Wednesday 11/10/2017	54554
		3 A)	Prospecting and Utilization of Groundwater Resources	Thursday 12/10/2017	54555
		3 B)	Environmental Pollution and Management		54556
		3 C)	Sedimentary Environments		54557
		3 D)	Deccan basalts		54558

27	<b>Mathematics</b>	1	Research Methodology	Tuesday 10/10/2017	54815
		2 A)	Recent Trends in Pure Mathematics	Wednesday 11/10/2017	54816
		2 B)	Recent Trends in Applied Mathematics		54817
		3 A)	Atomistic and Multiplicative Lattices	Thursday 12/10/2017	54818
		3 B)	Generalized Integral Transformations		54819
		3 C)	Trellis Theory		54820
		3 D)	Commutative Algebra		54821
		3 E)	Theory of Near Rings		54822
		3 F)	Topics in General Relativity		54823
		3 G)	Theory of Choice		54824
		3 H)	Theory of Fuzzy Computation		54825
		3 I)	Lattices Theory		54826
		3 J)	Topics in Geometric Function Theory		54827
		3 K)	Fluid Dynamics		54828
		3 L)	Fuzzy Measures and Integrals		54829
		3 M)	Numerical Analysis III		54830
		3 N)	Group Analysis of Differential Equations		54831
		3 O)	Mathematical Modeling		54832
		3P)	Theory of Fractional Dynamic Systems		69632
3Q)	Differential and Integral Inequalities	69633			
3R)	Delay Differential Equations	69634			
28	<b>Home Science</b>	1	Research Methodology	Will Be Declared Later	54833
		2	Recent Trends in Home Science	Will Be Declared Later	54834
		3 A)	Thrust areas for Research in Food and Nutrition	Will Be Declared Later	54835
		3 B)	Trust Areas for Research in Family Resource Management		54836
		3 C)	Trust Areas for Research in Human Development		54837
		3 D)	Trust Areas for Research in Textile and Clothing		54838
		3 E)	Trust Areas for Research in Home Science Extension Education		54839
29	<b>Statistics</b>	1	Research Methodology	Tuesday 10/10/2017	54559
		2	Recent Trends in Statistics	Wednesday 11/10/2017	54560
		3 A)	Topics in Statistics - Statistical Analysis of Circular Data.	Thursday 12/10/2017	54561
		3 B)	Topics in Statistics - Topic in Asymptotic Inference.		54562
		3 C)	Topics in Statistics - Topic in Distribution Theory.		54563
		3 D)	Topics in Statistics - Applied Regression Analysis.		54564
		3 E)	Topics in Statistics - Topic in Discrete Multivariate Analysis.		54565
		3 F)	Topics in Statistics - Advanced Topics in Sampling Theory.		54566
		3 G)	Topics in Statistics - Advanced Design of Experiments		54567
		3 H)	Topics in Statistics - Topic in Reliability Analysis		54568

30	<b>Zoology</b>	1	Research Methodology in Zoology	Tuesday 10/10/2017	54572
		2	Research Advances in Zoology	Wednesday 11/10/2017	54573
		3 A)	ADVANCES IN PEST MANAGEMENT	Thursday 12/10/2017	54574
		3 B)	BIOLOGICAL INSECT PEST CONTROL		54575
		3 C)	INSECT PARASITOIDS		54576
		3 D)	Biopesticides		54577
		3 E)	BIODIVERSITY		54578
		3 F)	EXERCISE AND OCCUPATIONAL PHYSIOLOGY		54579
		3 G)	PHYSIOLOGY OF REPRODUCTION		54580
		3 H)	Toxicology		54581
		3 I)	Biology of Aging		54582
		3 J)	Secretory Cells		54583
		3 K)	Cell Biology		54584
		3 L)	Advances in Fisheries and Aquaculture		54585
		3 M)	Fish Physiology		54586
		3 N)	Environmental Biology		54587
3 O)	Trends in sericulture	54588			
31	<b>Environmental Science</b>	1	RESEARCH METHODOLOGY	Tuesday 10/10/2017	54589
		2	RECENT ADVANCE IN ENVIRONMENTAL SCIENCE	Wednesday 11/10/2017	54590
		3 A)	BIODIVERSITY AND CONSERVATION	Thursday 12/10/2017	54591
		3 B)	WILD LIFE STUDIES		54592
		3 C)	ECO - PHYSIOLOGY AND BIOMONITORING		54593
		3 D)	ECOTOXICOLOGY		54594
		3 E)	ENVIRONMENT AND HEALTH		54595
		3 F)	ENVIRONMENTAL MANAGEMENT		54596
		3 G)	INDUSTRIAL POLLUTION		54597
3 H)	ENVIRONMENTAL MUTAGENESIS AND CARCINOGENESIS	54598			
32	<b>Electronics</b>	1	Research Methodology and Computer Application	Tuesday 10/10/2017	63191
		2	Recent Trends in Electronics	Wednesday 11/10/2017	63192
		3 A)	Digital Image Processing	Thursday 12/10/2017	63193
		3 B)	Antenna Design and Measurements		63194
		3 C)	Wireless Sensor Networks		63195
		3 D)	Biomedical Engineering		63196
		3 E)	Modern Communication System		63197
		3F)	Advances in Power Electronics		63198
		3G)	Advances In Embedded Systems and VLSI Design		63199
3H)	Problem Solving With Soft Computing	63200			



33	<b>Geography</b>	1	RESEARCH METHODOLOGY, QUANTITATIVE TECHNIQUES, COMPUTER APPLICATION	Tuesday 10/10/2017	54605
		2	RECENT TRENDS IN GEOGRAPHY	Wednesday 11/10/2017	54606
		3 A)	Recent Trends in Agricultural Geography	Thursday 12/10/2017	54607
		3 B)	Recent Trends in Economic Geography		54608
		3 C)	Recent Trends in Settlement Geography		54609
		3 D)	Recent Trends in Population Geography		54610
		3 E)	Recent Trends in Tourism Geography		54611
		3 F)	Recent Trends in Medical Geography		54612
		3 G)	Recent Trends in physical Geography		54613
34	<b>Microbiology</b>	1	Research Methodology	Tuesday 10/10/2017	54614
		2	Recent Trends in Biological Sciences	Wednesday 11/10/2017	54615
		3 A)	Bioinformatics	Thursday 12/10/2017	54616
		3 B)	Bioremediation and Waste Water Treatment Technologies.		54617
		3 C)	Advanced Techniques in Cell Culture		54618
		3 D)	Agricultural Microbiology and Microbial Ecology		54619
		3 E)	Applied and Environmental Microbiology		54620
		3 F)	Immunology and Medical Microbiology		54621
		3 G)	Fermentation Technology		54622
3 H)	Clinical Biochemistry	54623			
35	<b>Bio-chemistry</b>	1	Research Methodology	Tuesday 10/10/2017	54624
		2	Recent Trends in Biological Sciences	Wednesday 11/10/2017	54625
		3 A)	Bioinformatics	Thursday 12/10/2017	54626
		3 B)	Bioremediation and Waste Water Treatment Technologies.		54627
		3 C)	Advanced Techniques in Cell Culture		54628
		3 D)	Agricultural Microbiology and Microbial Ecology		54629
		3 E)	Applied and Environmental Microbiology		54630
		3 F)	Immunology and Medical Microbiology		54631
		3 G)	Fermentation Technology		54632
3 H)	Clinical Biochemistry	54633			
36	<b>Biotechnology &amp; Environmental Biotechnology</b>	1	Research Methodology	Tuesday 10/10/2017	54648
		2	Recent Trends in Biological Sciences	Wednesday 11/10/2017	54649
		3 A)	Bioinformatics	Thursday 12/10/2017	54650
		3 B)	Bioremediation and Waste Water Treatment Technologies.		54651
		3 C)	Advanced Techniques in Cell Culture		54652
		3 D)	Agricultural Microbiology and Microbial Ecology		54653
		3 E)	Applied and Environmental Microbiology		54654
		3 F)	Immunology and Medical Microbiology		54655
		3 G)	Fermentation Technology		54656
3 H)	Clinical Biochemistry	54657			

37	<b>Computer Science</b>	1	Research Methodology	Tuesday 10/10/2017	54634
		2	Recent Trends in Computer Science	Wednesday 11/10/2017	54635
		3 A)	Research Trends In Computer Science	Thursday 12/10/2017	54636
38	<b>Physics</b>	1	Research Methodology and Computer Applications in Physical And Chemical Sciences	Tuesday 10/10/2017	54637
		2	Frontiers in Physics	Wednesday 11/10/2017	54638
		3 A)	SOL GEL PROCESSING IN SOLID STATE MATERIALS	Thursday 12/10/2017	54639
		3 B)	Deposition of films and their applications		54640
		3 C)	Fuel Cell Technology		54641
		3 D)	Holography and its Applications		54642
		3 E)	THICK AND THIN FILM MICROSTRIP COMPONENT TECHNOLOGY		54643
		3 F)	Photo catalysis		54644
		3 G)	Solar cell: Fundamentals and Applied aspects		54645
		3 H)	Vacuum techniques and Thin films.		54646
3 J)	Space Science and Astronomy	58733			

- 1 Examinee should confirm the customized Time-Table printed on his/her hall ticket with the final programme of examination sent to College / Department and also available on University website [www.unishivaji.ac.in](http://www.unishivaji.ac.in)
- 2 The students are allowed to use the non programmable calculator for Numerical calculations at their own cost. University will not supply such calculators.
- 3 Cellular Phone (Mobile), Programmable Scientific Calculator & Digital Diary or any other means which can be used for unfair practice is not allowed in the Examination Hall.  
**Note:** The Examination Programme is subject to change; if there is any change the University is not responsible for the loss or inconvenience caused to the candidates.

**Shri. M. A. Kakade**

**Director**

**Board of Examinations and Evaluation**

**Shivaji University Kolhapur.**

**Vidyanagari,**

**Kolhapur-416 004,**

**SU/EXAM/B.Sc/M.Phil/Circular No. 847**

**Date- 20 /09/2017**